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## ABSTRACT

This compilation, presenting 200 resumes relevant to the field of vocational-technical (VT) education, provides educators access to in-use or under-development instructional and research materials. The resumes are arranged in ascending order according to an accession (VT) number, with each resume including the author(s), title, institutional source, sponsoring agency, availability, publication date, number of pages, subject terms which characterize the contents of the document, and a document abstract. Curriculum development and research projects in progress are fully described in a separate section. Author, subject, and VT-ED (ERIC Document) number cross reference indexes are provided. Instructions are given for ordering the original documents or full text reproductions. (SH)

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ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS  
IN VOCATIONAL AND TECHNICAL EDUCATION

VOLUME 9, NUMBER 5

VT 103 201 - 103 400

THE CENTER FOR VOCATIONAL EDUCATION  
THE OHIO STATE UNIVERSITY  
1960 KENNY ROAD, COLUMBUS, OHIO 43210

1976

U.S. DEPARTMENT OF HEALTH,  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

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## PREFACE

Finding and using relevant information frequently is a major task for researchers, curriculum specialists, teachers, administrators, and students. The Center for Vocational Education is dedicated to making useful and vital information accessible so that educators may use it to improve school practice.

The Center assembles information relevant to the field of vocational-technical education. Through abstracts designed to present useful information about materials, the Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) publication provides educators quick access to in-use or under-development instructional and research materials. The full text of these materials is available on microfiche or from the original source.

We are indebted to our colleagues within the profession for providing instructional and research materials as they become available. We especially appreciate the contributions of state research coordinating units, curriculum coordination centers, instructional materials laboratories, local school systems, and professional associations such as the Vocational Instructional Materials (VIM) section of the American Vocational Association. Members of the profession are encouraged to send instructional and research materials for possible inclusion in future issues of AIM/ARM.

We hope that this publication will prove valuable to you in your particular educational endeavors.

Robert E. Taylor  
Director  
The Center for Vocational  
Education



## MISSION OF THE CENTER

The Center for Vocational Education's mission is to increase the ability of diverse agencies, institutions, and organizations to solve educational problems relating to individual career planning and preparation. The Center fulfills its mission by

- Generating knowledge through research
- Developing educational programs and products
- Evaluating individual program needs and outcomes
- Installing educational programs and products
- Operating information systems and services
- Conducting leadership development and training programs

ISSN 0095 - 3784

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# SAMPLE ABSTRACT

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RICHARDS, F.L.

OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE.

Title.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.  
DEPT. OF AGRICULTURAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
DIV. OF ADULT, AND VOCATIONAL RESEARCH.

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SYLVANIA STATE UNIVERSITY, UNIVERSITY PARK,  
PENNSYLVANIA 16802 (\$1.00).

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DESCRIPTORS - "AGRICULTURAL EDUCATION;  
"CURRICULUM GUIDES; "ORNAMENTAL HORTICULTURE;  
HIGH SCHOOLS; "POST SECONDARY EDUCATION;  
LANDSCAPING; NURSERIES (HORTICULTURE); TURF  
MANAGEMENT; "TECHNICAL EDUCATION  
IDENTIFIERS - "PENNSYLVANIA

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ABSTRACT - INTENDED TO SUGGEST SUBJECT MATTER  
CONTENT OF COURSES OR PROGRAMS IN ORNAMENTAL  
HORTICULTURE FOR HIGH SCHOOL AND POSTSECONDARY  
VOCATIONAL-TECHNICAL PROGRAMS, THIS CURRICULUM  
GUIDE WAS PREPARED BY STAFF MEMBERS OF THE  
AGRICULTURAL EDUCATION DEPARTMENT AT THE  
PENNSYLVANIA STATE UNIVERSITY, AND TESTED IN A  
WORKSHOP WITH VOCATIONAL AGRICULTURE TEACHERS.  
CONTENTS ARE: (1) OUTLINES OF COURSES IN  
ORNAMENTAL HORTICULTURE, (2) ORNAMENTAL  
HORTICULTURE PROGRAMS FOR GRADES 10, 11, AND  
12, (3) NURSERY PRODUCTION . . . THE CONTENT  
IS PRESENTED IN OUTLINE FORM UNDER EACH TOPIC,  
AND IS APPLICABLE TO THE UNITED STATES AND  
LOWER CANADA. (GB)

Abstractor's initials.

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## HOW TO USE AIM/ARM

This volume of Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) has four major sections: Abstracts (Instructional and Research Materials), Subject Index, Author Index, and Projects in Progress.

• Abstracts (Instructional and Research Materials) present information about documents' authors, titles, availability, and content to help you decide if you want to read the full text of a document. A sample abstract on the opposite page identifies the various pieces of information presented in an abstract.

• Subject Index helps you locate, by subject descriptors conforming to those listed in the Thesaurus of ERIC Descriptors, abstracts of documents relevant to your information needs.

• Author Index helps you locate, by author/institution names, abstracts of documents relevant to your information needs.

• Projects in Progress announces in-progress research and curriculum development projects funded by the Vocational Education Amendments of 1968 (Public Law 90-576), Parts C, D, and I. These are indexed by state. The Curriculum subsection of Projects in Progress also includes a directory of curriculum coordination centers and the Research subsection provides a directory of state research coordinating units. Projects in Progress helps you keep aware of ongoing activities in vocational and technical education curriculum development and research.

Copies of full texts of most of the documents announced in AIM/ARM are available in microfiche and/or hard copy forms. Those documents not listed as being available - "DOCUMENT NOT AVAILABLE IN MF OR HC" - may be obtained from the listed alternate source.

To locate documents of interest to you:

- Scan the Abstracts, or
- Search the Subject Index for descriptors (subject terms) describing your interest, or
- Search the Author Index for personal and institutional (corporate) authors' names who might publish documents about your interest.

To learn about in-progress curriculum and research projects:

- Scan the abstracts, or
- Scan the title by state indexes.



## HOW TO SUBMIT MATERIALS TO AIM/ARM

If you have materials (curriculum documents, research reports, curriculum guides, etc.) which you would like to have considered for announcement in AIM/ARM, please send three (3) clear, legible copies to:

AIM/ARM  
The Center for Vocational Education  
1960 Kenry Road  
Columbus, Ohio 43210

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## ABSTRACTS

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#### INSTRUCTIONAL MATERIALS

VT 103 201 ~ 103 253

1038 - 1063

#### RESEARCH MATERIALS

VT 103 254 ~ 103 400

1063 - 1143

VT 103 201  
BASIC DATA PROCESSING.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903. (CATALOG NO. BE-198, \$2.50 EA.)

PUB DATE - JUN76 156P.;  
ILLUSTRATIVE MATERIALS MAY NOT REPRODUCE WELL.

DESCRIPTORS - \*DATA PROCESSING;  
\*STUDY GUIDES; \*COMPUTER SCIENCE  
EDUCATION; \*SECONDARY EDUCATION;  
VOCATIONAL EDUCATION; INSTRUCTIONAL  
MATERIALS

ABSTRACT - THIS STUDY GUIDE IN DATA PROCESSING IS DESIGNED TO MAKE THE SUBJECT ACCESSIBLE TO THE SECONDARY STUDENT. IT CONTAINS THE FOLLOWING UNITS: HISTORICAL DEVELOPMENTS, UNDERSTANDING THE COMPUTER, CAREERS IN DATA PROCESSING, THE TABULATING CARD, KEYPUNCHING, INTERPRETING, SORTING, THE 514 REPRODUCER, THE 85 COLLATOR, AND THE 402 ACCOUNTING MACHINE. THE LESSONS WITHIN EACH UNIT CONSIST OF OBJECTIVES, RELATED INFORMATION, AND ASSIGNMENTS. PHOTOGRAPHS, DRAWINGS, AND DIAGRAMS ILLUSTRATE THE TEXT. A QUIZ COMPLETES EACH UNIT. (NJ)

VT 103 202  
HUMPHREYS, HARVEY  
BICYCLE REPAIR: COURSE OF  
INSTRUCTION. FINAL REPORT.

PENNSYLVANIA SCHOOL FOR THE DEAF,  
PHILADELPHIA. NEVIL VOCATIONAL  
SCHOOL.  
PENNSYLVANIA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
HARRISBURG.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN75 99P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
TEACHING GUIDES; \*DEAF; \*MULTIPLY  
HANDICAPPED; SPECIAL EDUCATION;  
\*TRADE AND INDUSTRIAL EDUCATION;  
\*REPAIR; JOB ANALYSIS; OCCUPATIONAL  
SURVEYS  
IDENTIFIERS - \*BICYCLE REPAIR

ABSTRACT - THE CURRICULUM GUIDE WAS DEVELOPED FOR AN OCCUPATIONAL TRAINING PROGRAM IN BICYCLE REPAIR FOR THE MULTIPLY-HANDICAPPED DEAF STUDENT. THE THREE LEVELS OF ACHIEVEMENT EACH HAVE A SPECIFIC TERMINAL OBJECTIVE AND CORRESPOND TO A PREDETERMINED EMPLOYMENT ENTRY-LEVEL SKILL. LEVEL I IS A GENERAL SERVICE LEVEL; LEVEL II, ADVANCED SERVICE AND GENERAL MECHANICAL REPAIR; AND LEVEL III, ADVANCED MECHANICAL REPAIR AND SHOP MANAGEMENT. THE COURSE OUTLINE FOR ALL LEVELS IS PRESENTED IN CHART FORM. EXAMPLES OF UNITS OF INSTRUCTION ARE: TIRES, TUBES, WHEELS, FRAMES, BRAKES, ACCESSORIES, CRANK UNIT, ENGINEERING PRINCIPLES, AND SHOP MANAGEMENT. FOR EACH LESSON TOPIC WITHIN THE UNIT, THE TEACHER OBJECTIVE, STUDENT ACTIVITY, AND BIBLIOGRAPHIC REFERENCE ARE PRESENTED. GUIDELINES FOR IMPLEMENTING THE COURSE INCLUDE LISTS OF GENERAL STUDENT REQUIREMENTS AND ENTRY SKILLS, FACILITY DESCRIPTION, AND LISTS FOR TOOLS, EQUIPMENT, PARTS, AND SUPPLIES. THE CURRICULUM WAS DEVELOPED FROM THE RESULTS OF A QUESTIONNAIRE SURVEY OF 15 LOCAL BICYCLE REPAIR CENTERS. THE QUESTIONNAIRE CONSISTED OF A TASK INVENTORY, AND RESPONDENTS WERE ASKED TO INDICATE THOSE TASKS WHICH STUDENTS SHOULD BE ABLE TO DO CORRECTLY FOR ENTRY-LEVEL EMPLOYMENT. SURVEY RESULTS AND PROJECT FORMS ARE APPENDED. A BIBLIOGRAPHY CONTAINS BOTH TEXTS AND REFERENCE MATERIALS. (RG)

VT 103 203  
DAVIDSON, SANDRA  
THE YOUNG WORKER AND THE LAW: A  
GUIDE FOR 14-18 YEAR OLDS.

PONTIAC CITY SCHOOL DISTRICT, MICH.



OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 46P.;  
RELATED DOCUMENTS VT 103 204 AND VT  
103 255 THROUGH VT 103 258 IN THIS  
ISSUE. ILLUSTRATED MATERIALS MAY  
NOT REPRODUCE WELL.

DESCRIPTORS - \*CHILD LABOR  
LEGISLATION; \*LAWS; \*RESOURCE  
GUIDES; \*YOUTH EMPLOYMENT;  
SECONDARY SCHOOL STUDENTS;  
SECONDARY EDUCATION; WORKING HOURS;  
WAGES; YOUNG ADULTS

ABSTRACT - THIS GUIDE WAS DEVELOPED  
FOR YOUNG PEOPLE WHO ARE EMPLOYED  
OR WHO ARE SEEKING EMPLOYMENT.  
WRITTEN IN AN INFORMAL, EASY-TO-  
READ STYLE, IT IS INTENDED AS A  
GUIDE FOR YOUNG WORKERS TO THE  
STEPS IN OBTAINING EMPLOYMENT AND  
TO THEIR RIGHTS AND  
RESPONSIBILITIES AS BEGINNING  
EMPLOYEES. THE CONTENTS PROVIDE  
INFORMATION ABOUT SOCIAL SECURITY  
REQUIREMENTS, WORK PERMITS, WAGES,  
TAXES, INSURANCE, WORKING HOURS,  
HAZARDOUS OCCUPATIONS, COOPERATIVE  
EDUCATION, AND WORK STUDY. SAMPLE  
WORK APPLICATION AND LETTER FORMS  
ARE ALSO INCLUDED WITH A GLOSSARY  
OF HELPFUL TERMS. (NJ)

VT 103 204  
GUEBER, GAER C.  
YOUTH EMPLOYMENT LAWS: A HAND-BOOK  
FOR SUPERVISORS OF YOUNG WORKERS.

PONTIAC CITY SCHOOL DISTRICT, MICH.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
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PUB DATE - ND 37P.;  
RELATED DOCUMENTS VT 103 203 AND VT  
103 255 THROUGH VT 103 258 IN THIS  
ISSUE.

DESCRIPTORS - \*EMPLOYERS; LABOR  
LEGISLATION; \*YOUTH EMPLOYMENT;  
\*SCHOOL RESPONSIBILITY; \*RESOURCE  
GUIDES; \*CHILD LABOR LEGISLATION;  
MINIMUM WAGE LEGISLATION;  
COOPERATIVE PROGRAMS; WORKING  
HOURS; INSTRUCTOR COORDINATORS

ABSTRACT - PREPARED BY AN ATTORNEY,  
THIS GUIDE IS INTENDED FOR SCHOOL  
PERSONNEL INVOLVED IN THE WORK  
PLACEMENT OF STUDENTS. PERTINENT  
YOUTH EMPLOYMENT LAWS ARE CONDENSED  
AND INTERPRETED, PROVIDING A  
REFERENCE GUIDE FOR BOTH SCHOOL  
PERSONNEL AND EMPLOYERS.

INFORMATION IS PROVIDED ABOUT THE  
FAIR LABOR STANDARDS ACT OF 1938,  
THE HITTLE JUVENILE EMPLOYMENT ACT,  
MINIMUM WAGES, HOURS OF WORK,  
RESPONSIBILITY OF THE WORK  
COORDINATOR, AND NON-PAYING WORK  
EXPERIENCE. ALSO INCLUDED ARE  
ANSWERS TO QUESTIONS FREQUENTLY  
ASKED BY EMPLOYERS, WORK  
COORDINATORS, AND SCHOOL  
ADMINISTRATORS. (NJ)

VT 103 205  
CURRICULUM DEVELOPMENT BASIC TO THE  
TRAINING OF INDIVIDUALS FOR  
EMPLOYMENT IN AGRIBUSINESS, NATURAL  
RESOURCES, AND ENVIRONMENTAL  
PROTECTION. FINAL REPORT. VOLUME  
FOUR. APPENDIX C.

OHIO STATE UNIV., COLUMBUS. OHIO  
CAREER EDUCATION AND CURRICULUM  
MANAGEMENT LAB. IN AGRICULTURAL  
EDUCATION.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
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DEG-0-72-4677

PUB DATE - 14JUN76 337P.;  
RELATED DOCUMENTS VT 103 206 AND VT  
103 259 THROUGH VT 103 261 IN THIS  
ISSUE.

DESCRIPTORS - \*CRITERION REFERENCED  
TESTS; \*COGNITIVE TESTS; ELEMENTARY  
SECONDARY EDUCATION; AFFECTIVE  
TESTS; CAREER AWARENESS; CAREER  
EXPLORATION; BEHAVIORAL OBJECTIVES;  
\*VOCATIONAL EDUCATION; \*CAREER  
EDUCATION; AGRICULTURAL PRODUCTION;  
AGRICULTURAL SUPPLIES; ITEM  
ANALYSIS; UNIT PLAN; \*AGRIBUSINESS

ABSTRACT - VOLUME FOUR OF THE  
REPORT ON CURRICULUM DEVELOPMENT  
FOR AGRICULTURAL OCCUPATIONS  
CONTAINS CRITERION-REFERENCED TESTS  
DEVELOPED FOR THE PURPOSE OF

ASSESSING STUDENT ACHIEVEMENT IN INSTRUCTIONAL UNITS SELECTED FOR FIELD TESTING. REVISION OF EACH TEST WAS DETERMINED BY RESULTS OF AN ITEM ANALYSIS AND THE COMMENTS OF THE PILOT TEST TEACHERS. A TOTAL OF 38 COGNITIVE TESTS ARE INCLUDED: EIGHT FOR CAREER AWARENESS UNITS, FOUR FOR CAREER EXPLORATION UNITS, AND 26 FOR CAREER PREPARATION UNITS IN THE AREAS OF AGRICULTURAL PRODUCTION AND AGRICULTURAL SUPPLIES AND SERVICES. IN ADDITION, TWO AFFECTIVE TESTS, ONE FOR GRADES FOUR THROUGH SIX AND ONE FOR GRADES SEVEN THROUGH NINE, ASSESS THE STUDENTS' ATTITUDES AND APPRECIATIONS CONCERNING THE WORLD OF WORK. A TABLE FOLLOWS EACH TEST WHICH PRESENTS THE CORRECT TEST ANSWERS, RESULTS OF THE FINAL ITEM ANALYSIS, AND TEST RELIABILITY. INFORMATION PROVIDED FOR EACH ITEM INCLUDES RELATIVE DIFFICULTY, PHI COEFFICIENT, POINT BISERIAL COEFFICIENT, AND DISCRIMINATION INDEX. TESTS IN THE CAREER PREPARATION UNITS ARE PRECEDED BY A STATEMENT OF STUDENT PERFORMANCE OBJECTIVES FOR THE UNIT.  
(AUTHOR/RG)

VT 103 206

CURRICULUM DEVELOPMENT BASIC TO THE TRAINING OF INDIVIDUALS FOR EMPLOYMENT IN AGRIBUSINESS, NATURAL RESOURCES, AND ENVIRONMENTAL PROTECTION. FINAL REPORT. VOLUME FIVE. APPENDIX D.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

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PUB DATE - 14JUN76 419P.;

RELATED DOCUMENTS VT 103 205 AND VT 103 259 THROUGH VT 103 261 IN THIS ISSUE.

DESCRIPTORS - \*CRITERION REFERENCED TESTS; \*COGNITIVE TESTS; SENIOR HIGH SCHOOLS; CAREER EDUCATION; BEHAVIORAL OBJECTIVES; VOCATIONAL

EDUCATION; ORNAMENTAL HORTICULTURE; FORESTRY; \*AGRIBUSINESS; CONSERVATION (ENVIRONMENT); \*ITEM ANALYSIS; UNIT PLAN

ABSTRACT - VOLUME FIVE OF THE REPORT ON CURRICULUM DEVELOPMENT FOR AGRICULTURAL OCCUPATIONS CONTAINS CRITERION-REFERENCED TESTS DEVELOPED FOR THE PURPOSE OF ASSESSING STUDENT ACHIEVEMENT IN INSTRUCTIONAL UNITS SELECTED FOR FIELD TESTING. REVISION OF EACH TEST WAS DETERMINED BY RESULTS OF AN ITEM ANALYSIS AND THE COMMENTS OF THE PILOT TEST TEACHERS. A TOTAL OF 44 TESTS ARE INCLUDED IN THE FOLLOWING CAREER PREPARATION AREAS: AGRICULTURAL EQUIPMENT AND MECHANICS, AGRICULTURAL PRODUCTS (FOOD PROCESSING), ORNAMENTAL HORTICULTURE, AGRICULTURAL RESOURCES, FORESTRY, AND ENVIRONMENTAL PROTECTION. EACH TEST IS PRECEDED BY A STATEMENT OF STUDENT PERFORMANCE OBJECTIVES FOR THE UNIT AND IS FOLLOWED BY A TABLE WHICH PRESENTS THE CORRECT TEST ANSWERS, RESULTS OF THE FINAL ITEM ANALYSIS, TEST RELIABILITY, AND NUMBER OF TESTS GIVEN. INFORMATION PROVIDED FOR EACH ITEM INCLUDES RELATIVE DIFFICULTY, PHI COEFFICIENT, POINT BISERIAL COEFFICIENT, AND DISCRIMINATION INDEX. (AUTHOR/RG)

VT 103 207

INTRODUCTION TO COMPUTER SCIENCE FORTRAN PROGRAMMING CONCEPTS. STUDY GUIDE. OCCUPATIONAL-TECHNICAL CURRICULUM DEVELOPMENT TV STUDY.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; DALLAS COUNTY COMMUNITY COLL. DISTRICT, TEX.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - ND 48P.;

RELATED DOCUMENTS VT 103 208 AND VT 103 302 IN THIS ISSUE.

DESCRIPTORS - \*COMPUTER SCIENCE EDUCATION; \*PROGRAMING LANGUAGES; \*STUDY GUIDES; \*TELEVISION CURRICULUM; TELECOURSES; TECHNICAL EDUCATION

## IDENTIFIERS - \*FORTRAN

ABSTRACT - THIS STUDY GUIDE FOR A TELEVISION COURSE IN COMPUTER PROGRAMMING WAS DESIGNED FOR INDEPENDENT STUDY AND CONSISTS OF TWO LESSONS DEALING WITH FORTRAN PROGRAMMING CONCEPTS. LESSON ONE INTRODUCES PHASES NEEDED IN PROGRAM PREPARATION: ANALYSIS, BLOCK DIAGRAMMING, AND CODING. LESSON TWO EMPHASIZES TECHNIQUES REQUIRED TO PROCESS AND DEBUG A PROGRAM UTILIZING THE COMPUTER. THE STUDY GUIDE FOR EACH LESSON CONTAINS THESE SECTIONS: STUDY SEQUENCE, LESSON OVERVIEW, LEARNING OBJECTIVES, SELF-PRETEST, KEY TERMS, SUPPLEMENTARY MATERIALS, STUDY QUESTIONS, SELF-POSTTEST WITH ANSWER KEY, AND LESSON EVALUATION FORM. (NJ)

VT 103 208

RADIOGRAPHIC POSITIONING. STUDY GUIDE. OCCUPATIONAL-TECHNICAL CURRICULUM DEVELOPMENT TV STUDY.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; DALLAS COUNTY COMMUNITY COLL. DISTRICT, TEX. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - ND 40P.; RELATED DOCUMENTS VT 103 207 AND VT 103 302 IN THIS ISSUE.

DESCRIPTORS - \*RADIOGRAPHERS; \*TECHNICAL OCCUPATIONS; \*TECHNICAL EDUCATION; STUDY GUIDES; \*TELEVISION CURRICULUM; TELECOURSES; \*RADIOLOGIC TECHNOLOGISTS

ABSTRACT - THIS STUDY GUIDE FOR A TELEVISION COURSE IN RADIOGRAPHIC POSITIONING CONSISTS OF TWO MODULES PLUS COURSE ORIENTATION. MODULE I IS ENTITLED ANTEROPOSTERIOR TOWNE'S POSITION OF THE SKULL; MODULE II, ANTERIOR OBLIQUE LUMBAR-SACRAL APOPHYSEAL JOINTS PROJECTION. THE GUIDE IS DESIGNED TO ALLOW THE STUDENT TO PRODUCE A DIAGNOSTIC TOWNE'S POSITION OF THE SKULL AND AN OBLIQUE LUMBOSACRAL SPINE PROJECTION. THE STUDENT RADIOLOGIC

TECHNOLOGIST IS INTRODUCED TO THE DIFFERENT BODY PROJECTIONS OR POSITIONS REQUIRED TO PROPERLY DEMONSTRATE INTERNAL BODY STRUCTURES. EACH MODULE CONTAINS THE FOLLOWING SECTIONS: STUDY SEQUENCE, OVERVIEW OF THE LESSON, LEARNING OBJECTIVES, SELF-PRETEST, KEY TERMS, SUPPLEMENTARY MATERIAL, STUDY QUESTIONS, SELF-POSTTEST WITH ANSWER KEY, AND LESSON EVALUATION FORM. (AUTHOR/NJ)

VT 103 209

A STUDY OF CONSTRUCTION TECHNOLOGY CURRICULUMS AND CONSTRUCTION INDUSTRY NEEDS WITH A SUGGESTED APPROACH TO CURRICULUM DEVELOPMENT IN BUILDING CONSTRUCTION TECHNOLOGY PROGRAMS IN TEXAS COMMUNITY COLLEGES.

PARIS JUNIOR COLL., TEX. TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - SEP74 652P.; ILLUSTRATIVE MATERIALS MAY NOT REPRODUCE WELL.

DESCRIPTORS - COMMUNITY COLLEGES; \*CURRICULUM GUIDES; \*CURRICULUM DEVELOPMENT; POST SECONDARY EDUCATION; \*HOUSING INDUSTRY; \*BUILDING TRADES; \*CONSTRUCTION MANAGEMENT; TEACHING GUIDES; TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - DESCRIBED IN THE REPORT IS A STUDY TO ANALYZE THE EDUCATION AND TRAINING NEEDS OF THE BUILDING CONSTRUCTION INDUSTRY AND TO DETERMINE WHETHER OR NOT EXISTING PROGRAMS ARE ADEQUATELY FULFILLING THOSE NEEDS. BASED UPON AN ANALYSIS OF THE INDUSTRY AND AN OVERVIEW OF CURRENT PROGRAMS, CURRICULUM GUIDES FOR TWO COMMUNITY COLLEGE PROGRAMS WERE DEVELOPED AND ARE INCLUDED IN THE DOCUMENT. THE GUIDE FOR RESIDENTIAL CONSTRUCTION MANAGEMENT (257 PAGES) IS A TWO-YEAR PROGRAM DESIGNED TO PREPARE STUDENTS FOR CAREERS IN RESIDENTIAL CONSTRUCTION ENTERPRISES AS MEMBERS OF THE



MANAGEMENT TEAM. EMPHASIS IS ON BUSINESS, FINANCE, OFFICE PROCEDURES, AND GENERAL MANAGEMENT CONSIDERATIONS AS THEY SPECIFICALLY RELATE TO THE RESIDENTIAL CONSTRUCTION BUSINESS. THE TWO-YEAR RESIDENTIAL CONSTRUCTION TECHNOLOGY PROGRAM (253 PAGES) FOCUSES ON TECHNICAL KNOWLEDGE AND OPERATIONS AND INCLUDES COOPERATIVE TRAINING. STUDENTS MAY EXIT TO POSITIONS IN INDUSTRY WITHOUT COMPLETING THE ENTIRE PROGRAM. FOR EACH COURSE LISTED IN THE GUIDES, INFORMATION PROVIDED INCLUDES: THE COURSE OBJECTIVE, COURSE DESCRIPTION, SUGGESTED TEXT, COURSE OUTLINE, INSTRUCTIONAL RECOMMENDATIONS/SUGGESTIONS, AND ADDITIONAL INSTRUCTIONAL MATERIALS AND REFERENCES. STUDENT HANDOUTS AND TESTS ARE ALSO INCLUDED. THE DOCUMENT CONTAINS TWO EVALUATION INSTRUMENTS--A PRETEST/POSTTEST ON PRINCIPLES OF RESIDENTIAL CONSTRUCTION AND A STUDENT FOLLOWUP QUESTIONNAIRE. (AUTHOR/RG)

## VT 103 210

USING THE DICTIONARY OF OCCUPATIONAL TITLES AS A SOURCE OF OCCUPATIONAL INFORMATION.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - JUN75 64P.

DESCRIPTORS - \*STUDY GUIDES; \*OCCUPATIONAL INFORMATION; \*INDIVIDUALIZED CURRICULUM; \*COUNSELOR TRAINING; \*VOCATIONAL COUNSELING; EMPLOYMENT COUNSELORS; INSTRUCTIONAL MATERIALS; PROGRAMED TEXTS

IDENTIFIERS - \*DICTIONARY OF OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS INDIVIDUALIZED CURRICULUM MODULE IS DESIGNED TO INSTRUCT THE LEARNER IN THE USE OF THE DICTIONARY OF OCCUPATIONAL TITLES (DOT). IT CONTAINS LEARNING OBJECTIVES, PRETEST, POSTTEST, TEST AND WORKSHEET KEYS, AND LEARNING ACTIVITIES WITH ACCOMPANYING WORKSHEETS. APPENDIXES CONTAIN

ADDITIONAL EXPLANATORY MATERIAL REGARDING USE OF THE DOT. (NJ)

## VT 103 211

INSTRUCTIONAL WELDING GUIDELINES.

DEPARTMENT OF JUSTICE, WASHINGTON, D.C. FEDERAL PRISON INDUSTRIES, INC.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - NO 224P.

DESCRIPTORS - \*WELDING; \*CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; MANUALS; CORRECTIONAL EDUCATION; VOCATIONAL EDUCATION

ABSTRACT - USING THE STANDARDS OF THE AMERICAN WELDING SOCIETY AND THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, THIS WELDING INSTRUCTIONAL GUIDELINES MANUAL PRESENTS A 125-HOUR COURSE OF STUDY DESIGNED TO DEVELOP IN THE TRAINEE A LEVEL OF SKILL TO ENABLE HIM TO OBTAIN EMPLOYMENT AS A LIMITED WELDER ON STEEL STRUCTURES. IT WAS PLANNED FOR USE IN WELDING PROGRAMS NOW PRACTICED WITHIN THE FEDERAL PRISON SYSTEM. THE PHASES ARE DESIGNED FOR BEGINNING AND ADVANCED STUDENTS. THE GUIDELINES ARE BASED ON ACCEPTED PRACTICES OF WELDING INSTRUCTION AND ENCOURAGE MANIPULATIVE SKILLS IN USING SHIELDED ARC ELECTRODES. THE GUIDELINES ALSO OUTLINE THE PROCESS OF OXYACETYLENE WELDING AND CUTTING, GAS TUNGSTEN-ARC WELDING (TIG), AND GAS METAL-ARC WELDING (MIG). THE COURSE CONSISTS OF LEARNING MODULES WHICH CONTAIN THE COMPONENTS OF BEHAVIORAL OBJECTIVES, LISTS OF REQUIRED EQUIPMENT AND MATERIALS, DESCRIPTIONS OF LEARNING ACTIVITY PROCEDURES, AND DIAGRAMED ILLUSTRATIONS. (AUTHOR/NJ)

## VT 103 212

BURGER, LAURA J.; LAMBRECHT, JUDITH J. HANDBOOK FOR VOCATIONAL INSTRUCTORS INTERESTED IN COMPETENCY-BASED EDUCATION.

MINNESOTA RESEARCH COORDINATING

UNIT FOR VOCATIONAL EDUCATION,  
MINNEAPOLIS.  
MINNESOTA STATE DEPT. OF EDUCATION,  
ST. PAUL. DIV. OF VOCATIONAL AND  
TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - ND 120P.;

RELATED DOCUMENT VT 103 254 IN THIS  
ISSUE.

DESCRIPTORS - \*RESOURCE GUIDES;  
\*PERFORMANCE BASED EDUCATION;  
\*CURRICULUM DEVELOPMENT;  
\*VOCATIONAL EDUCATION TEACHERS;  
CURRICULUM PLANNING; JOB ANALYSIS;  
BEHAVIORAL OBJECTIVES; POST  
SECONDARY EDUCATION; SECONDARY  
EDUCATION

ABSTRACT - THE "HANDBOOK" IS  
DESIGNED TO HELP VOCATIONAL  
INSTRUCTORS DEVELOP COMPETENCY-  
BASED VOCATIONAL PROGRAMS FOR  
SECONDARY AND POSTSECONDARY  
STUDENTS. A BRIEF DISCUSSION OF  
COMPETENCY-BASED INSTRUCTION IS  
OFFERED, AND A GLOSSARY OF TERMS IS  
APPENDED TO INTRODUCE THE CONCEPTS  
AND TERMS ASSOCIATED WITH  
COMPETENCY-BASED EDUCATION.  
CHAPTERS II AND III ADDRESS THE  
ORGANIZATION OF THE LOCAL PROGRAM  
AND THE CONTENT, ORGANIZATION, AND  
INSTRUCTIONAL SEQUENCE OF A SINGLE  
OCCUPATION WITHIN THE LOCAL  
PROGRAM. CHAPTER IV INCLUDES  
GUIDELINES FOR DEVELOPING  
INSTRUCTIONAL MODULES, AND CHAPTER  
V SUGGESTS A SYSTEM FOR MONITORING  
STUDENT PROGRESS THROUGH THE  
MODULES TOWARD OCCUPATIONAL GOALS.  
APPENDIXES INCLUDE A SECTION ON HOW  
TO CONDUCT A TASK INVENTORY, SOME  
SAMPLE TASK INVENTORIES,  
SUGGESTIONS FOR MEASURES OF LEARNER  
ACHIEVEMENT, LISTED ADVANTAGES AND  
LIMITATIONS OF SOME INSTRUCTIONAL  
MEDIA, A STUDENT JOB SHEET, AND A  
BIBLIOGRAPHY. (AUTHOR/NJ)

VT 103 213

ESSEX, MARTIN W.

CAREER EXPLORATION PROGRAM FOR  
GRADES 9 AND 10. CURRICULUM GUIDE.

OHIO STATE DEPT. OF EDUCATION,  
COLUMBUS. DIV. OF VOCATIONAL

EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - DEC71 375P.; RELATED  
DOCUMENT VT 103 252 IN THIS ISSUE.

DESCRIPTORS - \*STATE CURRICULUM  
GUIDES; \*GUIDELINES; \*CAREER  
EXPLORATION; \*PROGRAM DESCRIPTIONS;  
BEHAVIORAL OBJECTIVES; GRADE 9;  
GRADE 10; \*SECONDARY EDUCATION;  
WORKSHOPS; LEARNING ACTIVITIES;  
BIBLIOGRAPHIES; RESOURCE MATERIALS  
IDENTIFIERS - OHIO

ABSTRACT - THE PRODUCT OF A SERIES  
OF SIX WORKSHOPS, THE REPORT IS  
INTENDED TO ESTABLISH GUIDELINES  
FOR THE IMPLEMENTATION OF A CAREER  
EXPLORATION PROGRAM FOR GRADES 9  
AND 10 IN OHIO. AS ONE COMPONENT OF  
OHIO'S CAREER DEVELOPMENT  
CONTINUUM, THE PROGRAM IS PRIMARILY  
A STUDENT-CENTERED ONE IN WHICH  
LEARNING ACTIVITIES (VICARIOUS,  
SIMULATED, AND HANDS-ON) ENABLE THE  
STUDENT TO ACCOMPLISH STATED  
BEHAVIORAL OBJECTIVES. THE REPORT  
IS A COMPILATION OF MATERIALS  
RELATING TO THE CONDUCT OF THE  
WORKSHOPS AND THE PRODUCT OUTCOMES.  
A CURRICULUM GUIDE IS INCLUDED FOR  
SIX DEVELOPMENTAL AREAS BASIC TO  
THE PROGRAM: SELF AND ENVIRONMENT,  
WORLD OF WORK, EDUCATION AND  
TRAINING, ECONOMICS, EMPLOYMENT AND  
WORK ADJUSTMENT SKILLS, AND  
DECISIONMAKING. FOR EACH OF THESE  
AREAS ARE PRESENTED THE  
DEVELOPMENTAL, PROGRAM, AND  
BEHAVIORAL OBJECTIVES, ALONG WITH  
SUGGESTED ACTIVITIES AND METHODS OF  
IMPLEMENTATION. SIMULATION  
ACTIVITIES FOR SUBJECT DISCIPLINES  
ARE PRESENTED FOR A VARIETY OF  
SUBJECTS INCLUDING MATHEMATICS,  
ENGLISH, SOCIAL STUDIES, HEALTH  
OCCUPATIONS, AND BUSINESS  
EDUCATION. ALSO INCLUDED IN THE  
DOCUMENT ARE A BIBLIOGRAPHY OF  
RESOURCE MATERIALS (42 PAGES), THE  
WORKSHOP PROPOSAL AND LISTS OF  
PARTICIPANTS, DESCRIPTION OF THE  
PROPOSED PROGRAM, AND APPLICATION  
OF THE PROGRAM TO A HYPOTHETICAL  
SITUATION. (RG)

VT 103 214

**AN ANNOTATED BIBLIOGRAPHY FOR  
CONSUMER AND HOMEMAKING EDUCATION.**

ILLINOIS UNIV., URBANA. DEPT. OF  
VOCATIONAL AND TECHNICAL EDUCATION.  
ILLINOIS STATE BOARD OF VOCATIONAL  
EDUCATION AND REHABILITATION,  
SPRINGFIELD. DIV. OF VOCATIONAL AND  
TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PDC-A4-004

PUB DATE - NO 96P.

DESCRIPTORS - \*CONSUMER EDUCATION;  
\*HOMEMAKING EDUCATION; \*ANNOTATED  
BIBLIOGRAPHIES; \*RESOURCE  
MATERIALS; SECONDARY EDUCATION;  
POST SECONDARY EDUCATION; ADULT  
EDUCATION

ABSTRACT - THE RESOURCE MATERIALS  
LISTED IN THIS ANNOTATED  
BIBLIOGRAPHY ARE THOSE WHICH HAVE  
BEEN REVIEWED AND MAY BE USEFUL FOR  
SECONDARY SCHOOLS, POSTSECONDARY  
INSTITUTIONS, AND ADULT GROUPS.  
MOST OF THE MATERIALS HAVE BEEN  
PUBLISHED SINCE 1969, AND ARE  
GROUPED BY SUBJECT AREA CATEGORIES  
SUCH AS MONEY MANAGEMENT, CONSUMER  
CREDIT, BUYING GOODS AND SERVICES,  
SAVINGS AND INVESTMENTS, AND TAXES.  
WITHIN EACH SUBJECT AREA ARE  
STUDENT REFERENCES, TEACHER  
REFERENCES, AND AUDIOVISUAL  
MATERIALS. THE STUDENT AND TEACHER  
REFERENCES ARE ARRANGED  
ALPHABETICALLY BY TYPE OF MATERIAL:  
BOOKS AND PAPERBACKS, PAMPHLETS AND  
PERIODICALS, AND OTHER PRINTED  
MATERIALS. THIS LAST CATEGORY  
INCLUDES GAMES AND SIMULATIONS FOR  
STUDENTS, AND BIBLIOGRAPHIES AND  
CURRICULUM GUIDES FOR TEACHERS.  
INFORMATION FOR EACH REFERENCE  
INCLUDES THE AUTHOR, TITLE,  
AVAILABILITY, DATE, PHYSICAL  
DESCRIPTION, COST, SUGGESTED  
LEARNERS, READING LEVEL, AND A  
BRIEF ANNOTATION. INSTRUCTIONS FOR  
ORDERING MATERIALS AND A COMPLETE  
LIST OF ADDRESSES OF PUBLISHERS AND  
SUPPLIERS ARE APPENDED, ALONG WITH  
THE EVALUATION FORM USED IN  
REVIEWING THE MATERIALS, THE METHOD  
FOR DETERMINING READING LEVELS FOR  
STUDENT REFERENCES, LIST OF

**CONSULTANTS, AND A LIST OF ILLINOIS  
CONSUMER ORGANIZATIONS. (RG)**

VT 103 215

A SECURITY PROGRAM FOR PUBLIC  
HOUSING.

TEMPLE UNIV., PHILADELPHIA, PA.  
CENTER FOR SOCIAL POLICY AND  
COMMUNITY DEVELOPMENT.

DEPARTMENT OF HOUSING AND URBAN  
DEVELOPMENT, WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 06FEB73 80P.

DESCRIPTORS - \*PUBLIC HOUSING;  
LOCAL HOUSING AUTHORITIES;  
\*TEACHING GUIDES; CAREER LADDERS;  
JOB DESCRIPTIONS; \*SECURITY;  
\*HOUSING MANAGEMENT AIDES;  
\*GUIDELINES

ABSTRACT - THIS GUIDE IS CONCERNED  
WITH THE DEVELOPMENT OF A PROGRAM  
FOR TRAINING PUBLIC-HOUSING  
RESIDENTS IN PARAPROFESSIONAL  
SECURITY OCCUPATIONS. FOLLOWING AN  
INTRODUCTORY SECTION, CONTENTS OF  
THE GUIDE ARE ORGANIZED INTO THREE  
PARTS. PART ONE DEFINES THE  
ESSENTIAL COMPONENTS OF A SECURITY  
SYSTEM, PRESENTS THE CAREER LADDER  
DEVELOPED, AND DISCUSSES THE  
POSSIBLE STRUCTURES FOR SECURITY  
DEPARTMENTS BASED ON THE CAREER  
LADDER. PART TWO CONTAINS JOB  
DESCRIPTIONS, TRAINING NEEDS, AND  
CURRICULUMS FOR FOUR  
PARAPROFESSIONAL JOBS: RESIDENT  
SECURITY AIDE, RESIDENT SECURITY  
OFFICER, SECURITY OFFICER, AND  
COMMUNITY SECURITY AIDE. PART III  
DISCUSSES THE INTER-RELATIONSHIP  
BETWEEN THE HOUSING AUTHORITY,  
MUNICIPAL POLICE, AND THE  
COMMUNITY. (RG)

VT 103 216

ROBINSON, JAMES B.

A STANDARD TRAINING PLAN FOR  
DISTRIBUTIVE EDUCATION COOPERATIVE  
WORK PROGRAMS.

TRENTON STATE COLL., N.J. DIV. OF  
BUSINESS.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.



PUB DATE - JUN76 52P.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*COOPERATIVE PROGRAMS;  
JOB ANALYSIS; JOB DESCRIPTIONS;  
\*MANUALS; \*RECORDS (FORMS)

ABSTRACT - THIS MANUAL WAS PREPARED TO ASSIST THE DISTRIBUTIVE EDUCATION WORK COORDINATOR IN USING A TRAINING PLAN FOR THE WORK ASSIGNMENTS OF STUDENTS. IT PROVIDES A BASIC LISTING OF AREAS COMMON TO MOST DISTRIBUTIVE JOBS, AND A BASIC TASK LISTING COMMON TO EACH OF THESE AREAS. WITH ADDED INPUT OF THE COORDINATOR, THE STUDENT, AND THE EMPLOYER, THE PLAN SHOULD DEVELOP INTO AN INDIVIDUALIZED PLAN CONSONANT WITH THE SCHOOL PROGRAM, THE STUDENT'S CAREER OBJECTIVE, AND THE NEEDS OF THE EMPLOYER. FOLLOWING A DESCRIPTION OF THE DEVELOPMENT OF THE STANDARD PLAN ALONG WITH INSTRUCTIONS FOR ITS USE, FORMS ARE PROVIDED FOR DUPLICATION BY THE COORDINATOR IN IMPLEMENTING THE PLAN FOR STUDENTS. FOR EACH OF TWELVE MAJOR WORK CATEGORIES, SUCH AS SELLING AND CASH REGISTER OPERATION, TASK LISTING SHEETS ARE PROVIDED. EACH SHEET LISTS TASKS RELEVANT TO THAT WORK CATEGORY, AND SPACE IS PROVIDED TO RECORD THE DATE AND PLACE (TRAINING STATION OR CLASSROOM) THE TASK WAS ACCOMPLISHED. SHEETS CONTAINING JOB DESCRIPTIONS FOR 12 OF THE MOST COMMONLY ENCOUNTERED JOB DESCRIPTIONS IN DISTRIBUTIVE EDUCATION ARE ALSO INCLUDED. A BIBLIOGRAPHY IS INCLUDED IN THE DOCUMENT. (AUTHOR/RG)

VT 103 217

MCCORMACK, EDWARD J.; AND OTHERS  
A HANDBOOK FOR THE PREPARATION OF  
EDUCATIONAL PERSONNEL IN CAREER  
EDUCATION. FINAL REPORT.

ILLINOIS STATE OFFICE OF EDUCATION,  
CHICAGO. DEPT. OF ADULT, VOCATIONAL  
AND TECHNICAL EDUCATION.; NORTHERN  
ILLINOIS UNIV., DE KALB.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PCB-A6-015

PUB DATE - 30JUN76 233P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PRESERVICE EDUCATION; \*TEACHER  
EDUCATION CURRICULUM; RESOURCE  
GUIDES; \*COURSE DESCRIPTIONS;  
VOCATIONAL DEVELOPMENT; MODELS;  
BEHAVIORAL OBJECTIVES; HIGHER  
EDUCATION

ABSTRACT - DESIGNED FOR THE UNIVERSITY LEVEL PRACTITIONER, THIS HANDBOOK IDENTIFIES AND DISCUSSES SOME BASIC ELEMENTS NEEDED TO DEVELOP A PRESERVICE CAREER EDUCATION PROGRAM FOR EDUCATIONAL PERSONNEL. BASIC CAREER DEVELOPMENT NEEDS OF SOCIETY ARE IDENTIFIED BY ABSTRACTING SOME PRINCIPLES FROM THE WRITINGS OF FOUR MAJOR CAREER DEVELOPMENT THEORISTS. THE STATUS OF CAREER DEVELOPMENT IN THE U.S. IS DISCUSSED ALONG WITH HOW CAREER EDUCATION CAN SERVE TO MEET CAREER DEVELOPMENT NEEDS. A CAREER DEVELOPMENT PROCESS MODEL IS PRESENTED FROM WHICH ARE DERIVED A CAREER DEVELOPMENT PROGRAM MODEL AND AN INTERPERSONAL CAREER FACILITATION MODEL. SUGGESTIONS ARE ALSO OFFERED FOR THE MANAGEMENT OF UNIVERSITY LEVEL CAREER EDUCATION PROGRAMS AS WELL AS FOR AN ORGANIZED SELECTION OF APPROPRIATE PRESERVICE CAREER EDUCATION GOALS AND OBJECTIVES WITH SOME REFERENCES TO COMPREHENSIVE GUIDES TO CAREER EDUCATION INSTRUCTIONAL MATERIAL. BRIEF DESCRIPTIONS OF SIX PRESERVICE CAREER EDUCATION COURSES IMPLEMENTED AT NORTHERN ILLINOIS UNIVERSITY ARE INCLUDED WITH AN OUTLINE OF THE SUBJECT MATTER, COMPETENCIES, ACTIVITIES, EVALUATION, AND REFERENCES. SAMPLE LESSON PLANS FOLLOW EACH OUTLINE. THE COURSES ARE ENTITLED: FOUNDATIONS OF CAREER EDUCATION, CAREER DEVELOPMENT THEORY, SEMINAR ON RESEARCH IN CAREERS, TEACHING FOR CAREER DEVELOPMENT IN THE ELEMENTARY SCHOOL, CAREER EDUCATION TECHNIQUES, AND ORGANIZATION AND ADMINISTRATION OF CAREER EDUCATION. A 12-PAGE BIBLIOGRAPHY COMPLETES THE HANDBOOK. (NJ)

VT 103 218

ORR, GEORGE S.; POOLE, ELLEN S.  
RESEARCH AND DEVELOPMENT PROJECT IN  
CAREER EDUCATION. CURRICULUM  
RESOURCE GUIDE: VOLUME I-GRADES 1-  
4.

PETERSBURG PUBLIC SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
OEG-0-73-2990  
PUB DATE - 74 259P.; RELATED  
DOCUMENTS VT 103 218 THROUGH VT 103  
220 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY EDUCATION;  
BIBLIOGRAPHIES; \*LEARNING  
ACTIVITIES; RESOURCE MATERIALS;  
FUSED CURRICULUM; BEHAVIORAL  
OBJECTIVES; \*CURRICULUM GUIDES;  
STUDENT EVALUATION; UNIT PLAN;  
\*CAREER AWARENESS

ABSTRACT - THE CURRICULUM GUIDE  
CONTAINS FOUR MASTER UNITS WHICH  
INCORPORATE CAREER EDUCATION  
CONCEPTS INTO THE EXISTING  
CURRICULUM AT EACH GRADE LEVEL. THE  
UNITS FOR GRADES 1-4 ARE: FINDING  
OUT ABOUT THE WORLD OF WORK,  
CAREERS IN OUR NEIGHBORHOOD AND  
COMMUNITY, CAREERS IN AND AROUND  
THE CITY, AND CAREERS IN OUR CITY  
AND STATE. THE GENERAL FORMAT FOR  
EACH UNIT INCLUDES AN INTRODUCTION,  
EDUCATIONAL GOALS, CAREER EDUCATION  
CONCEPTS, INFORMATIONAL  
(BEHAVIORAL) OBJECTIVES,  
INSTRUCTIONAL PROCEDURES, SUGGESTED  
STUDENT OUTCOMES, EVALUATION  
METHODS, MISCELLANEOUS MATERIALS  
(PRIMARILY LETTERS TO PARENTS  
AND/OR RESOURCE PERSONS), AND A  
BIBLIOGRAPHY. THE INSTRUCTIONAL  
PROCEDURES ARE ACTIVITIES AND  
EXPERIENCES DESIGNED TO ACHIEVE THE  
STATED GOALS AND OBJECTIVES. FOR  
EACH ACTIVITY, THE RELATED CONTENT  
AREAS (FOR EXAMPLE, MATH AND SOCIAL  
STUDIES) AND THE MATERIALS NEEDED  
ARE LISTED. A BIBLIOGRAPHY OF  
CAREER EDUCATION MATERIALS  
COMPLETES THE DOCUMENT. ENTRIES ARE  
ARRANGED ALPHABETICALLY BY TYPE OF  
MATERIAL AND INCLUDE ARTICLES,  
BOOKS, AND PAMPHLETS. THE

INFORMATION PROVIDED FOR PAMPHLETS,  
WHICH CONSTITUTE THE LARGEST NUMBER  
OF REFERENCES, IS THE TITLE AND  
AVAILABILITY. (AUTHOR/RG)

#### VT 103 219

ORR, GEORGE S.; POOLE, ELLEN S.  
RESEARCH AND DEVELOPMENT PROJECT IN  
CAREER EDUCATION. CURRICULUM  
RESOURCE GUIDE: VOLUME II-GRADES 5-  
8.

PETERSBURG PUBLIC SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
OEG-0-73-2990  
PUB DATE - 74 281P.; RELATED  
DOCUMENTS VT 103 218 THROUGH VT 103  
220 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
BIBLIOGRAPHIES; \*LEARNING  
ACTIVITIES; RESOURCE MATERIALS;  
FUSED CURRICULUM; GRADE 5; GRADE 6;  
GRADE 7; GRADE 8; BEHAVIORAL  
OBJECTIVES; \*CURRICULUM GUIDES;  
\*CAREER AWARENESS; \*CAREER  
EXPLORATION; STUDENT EVALUATION;  
UNIT PLAN; JUNIOR HIGH SCHOOLS;  
INTERMEDIATE GRADES

ABSTRACT - THE CURRICULUM GUIDE  
CONTAINS FOUR MASTER UNITS WHICH  
INCORPORATE CAREER EDUCATION  
CONCEPTS INTO THE EXISTING  
CURRICULUM AT EACH GRADE LEVEL.  
FOCUSING ON CAREERS IN THE CITY,  
STATE, AND NATION, THE UNITS FOR  
GRADES FIVE AND SIX CONTINUE THE  
CAREER AWARENESS ACTIVITIES  
DEVELOPED FOR THE PRIMARY GRADES.  
ACTIVITIES IN THE CAREER  
ORIENTATION AND EXPLORATION UNIT  
FOR GRADE SEVEN ARE GROUPED BY  
SUBJECT AREAS: READING, LANGUAGE  
ARTS, SOCIAL STUDIES, AND  
MATHEMATICS. THE PROGRAM FOR EIGHTH  
GRADE SOCIAL STUDIES EXPLORES  
VARIOUS OCCUPATIONAL CLUSTERS  
THROUGH SEVEN SUBUNITS: THE  
INDIVIDUAL, PREJUDICE, ELECTIONS,  
WAR, GOVERNMENT, DEMOCRACY, AND  
TECHNOLOGY. THE GENERAL FORMAT FOR  
EACH UNIT INCLUDES AN INTRODUCTION,  
EDUCATIONAL GOALS, CAREER EDUCATION  
CONCEPTS, INFORMATIONAL



(BEHAVIORAL) OBJECTIVES, INSTRUCTIONAL PROCEDURES, SUGGESTED STUDENT OUTCOMES, EVALUATION METHODS, AND A BIBLIOGRAPHY. THE INSTRUCTIONAL PROCEDURES ARE ACTIVITIES AND EXPERIENCES DESIGNED TO ACHIEVE THE STATED GOALS AND OBJECTIVES. FOR EACH ACTIVITY, THE NECESSARY RESOURCE MATERIALS ARE LISTED. A BIBLIOGRAPHY OF CAREER EDUCATION MATERIALS (46 PAGES) COMPLETES THE DOCUMENT. ENTRIES ARE ARRANGED ALPHABETICALLY BY TYPE OF MATERIAL AND INCLUDE ARTICLES, BOOKS, AND PAMPHLETS. THE INFORMATION PROVIDED FOR PAMPHLETS, WHICH CONSTITUTE THE LARGEST NUMBER OF REFERENCES, IS THE TITLE AND AVAILABILITY. (AUTHOR/RG)

#### VT 103 220

ORR, GEORGE S.; POOLE, ELLEN S.  
RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. CURRICULUM RESOURCE GUIDE: VOLUME III-GRADES 8-9.

PETERSBURG PUBLIC SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-73-2990

PUB DATE - 74 369P.; RELATED  
DOCUMENTS VT 103 218 THROUGH VT 103  
220 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
JUNIOR HIGH SCHOOLS; GRADE 8; GRADE  
9; BIBLIOGRAPHIES; \*LEARNING  
ACTIVITIES; RESOURCE MATERIALS;  
BEHAVIORAL OBJECTIVES; \*CURRICULUM  
GUIDES; \*CAREER EXPLORATION;  
STUDENT EVALUATION; \*UNITS OF STUDY  
(SUBJECT FIELDS)

#### ABSTRACT - THE CAREER EDUCATION

PROGRAM FOR GRADES EIGHT AND NINE  
FOCUSES ON FACTORS RELATED TO  
CAREER CHOICE, EDUCATIONAL  
PLANNING, DECISIONMAKING, AND  
PERSONAL INFORMATION AND INDIVIDUAL  
DIFFERENCES WHICH WILL GREATLY  
AFFECT AN INDIVIDUAL'S CHOICE OF A  
CAREER. THE FIVE MASTER UNITS FOR  
GRADE EIGHT ARE: PHYSICAL SCIENCE,  
SURVEY OF LITERATURE, CONTEMPORARY  
ENGLISH, MATHEMATICS, AND SOCIAL

STUDIES. THE FOUR GRADE NINE UNITS  
ARE: EARTH SCIENCE, SURVEY OF  
LITERATURE, CONTEMPORARY ENGLISH,  
AND MATHEMATICS. THE GENERAL FORMAT  
FOR EACH UNIT INCLUDES:

INTRODUCTION, EDUCATIONAL GOALS,  
CAREER EDUCATION CONCEPTS,  
INFORMATIONAL (BEHAVIORAL)  
OBJECTIVES, INSTRUCTIONAL  
PROCEDURES, SUGGESTED STUDENT  
OUTCOMES, AND EVALUATION  
PROCEDURES. THE INSTRUCTIONAL  
PROCEDURES ARE ACTIVITIES AND  
EXPERIENCES DESIGNED TO ACHIEVE THE  
STATED GOALS AND OBJECTIVES. FOR  
EACH ACTIVITY, THE NECESSARY  
RESOURCE MATERIALS ARE LISTED. A  
BIBLIOGRAPHY OF CAREER EDUCATION  
MATERIALS (46 PAGES) COMPLETES THE  
DOCUMENT. ENTRIES ARE ARRANGED  
ALPHABETICALLY BY TYPE OF MATERIAL  
AND INCLUDE ARTICLES, BOOKS, AND  
PAMPHLETS. THE INFORMATION PROVIDED  
FOR PAMPHLETS, WHICH CONSTITUTE THE  
LARGEST NUMBER OF REFERENCES, IS  
THE TITLE AND AVAILABILITY.  
(AUTHOR/RG)

#### VT 103 221

RESEARCH AND DEVELOPMENT PROJECT IN  
CAREER EDUCATION. CAREER EDUCATION  
ACTIVITIES: VOLUME I. GRADES K-7.

RADFORD CITY SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-73-2990

PUB DATE - NOV74 519P.; RELATED  
DOCUMENTS VT 103 221 THROUGH VT 103  
223 IN THIS ISSUE. PAGE 89 WAS NOT  
REPRODUCIBLE AS IT APPEARED IN THE  
ORIGINAL DOCUMENT AND WAS RETYPED  
AT THE CENTER FOR VOCATIONAL  
EDUCATION.

DESCRIPTORS - \*CAREER EDUCATION;  
\*LEARNING ACTIVITIES; ELEMENTARY  
EDUCATION; UNIT PLAN; BEHAVIORAL  
OBJECTIVES; \*CAREER AWARENESS;  
\*RESOURCE MATERIALS; \*CURRICULUM  
GUIDES

ABSTRACT - VOLUME I CONTAINS CAREER  
EDUCATION ACTIVITIES FOR GRADES K-  
5. THE UNITS ARE DEVELOPED AROUND  
SPECIFIC TOPICS AND INCORPORATE THE

FOLLOWING ELEMENTS: SUBJECT-CONTENT RELATIONSHIPS, OCCUPATIONAL INFORMATION, RESOURCE SPEAKERS, INTERVIEWS AND REPORTS, PARENT AND FAMILY INVOLVEMENT, HANDS-ON AND OTHER SENSORY EXPERIENCES, ROLE PLAYING AND SIMULATION ACTIVITIES, AND CAREER-RELATED FIELD TRIPS. EACH UNIT REQUIRES FOUR TO SIX WEEKS, AND TEACHERS MAY SELECT FROM THE ACTIVITIES LISTED THOSE MOST APPROPRIATE FOR THEIR PARTICULAR STUDENTS. THE UNITS GENERALLY CONTAIN OBJECTIVES, CONTENT QUESTIONS, TECHNIQUES AND ACTIVITIES, RESOURCES AND MATERIALS REQUIRED FOR EACH ACTIVITY, AND A BIBLIOGRAPHY. SAMPLE UNIT TOPICS ARE CLOTHING, INSECTS, THE RADIO STATION, AND AGRICULTURE. (AUTHOR/RG)

#### VT 103 222

RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. CAREER EDUCATION ACTIVITIES: VOLUME II. GRADES K-7.

RADFORD CITY SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
DEG-0-73-2990  
PUB DATE - NOV74 605P.; RELATED  
DOCUMENTS VT 103 221 THROUGH VT 103  
223 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*LEARNING ACTIVITIES; ELEMENTARY  
EDUCATION; UNIT PLAN; BEHAVIORAL  
OBJECTIVES; \*CAREER AWARENESS;  
\*RESOURCE MATERIALS; \*CURRICULUM  
GUIDES; \*SPECIAL EDUCATION

ABSTRACT - VOLUME II CONTAINS  
CAREER EDUCATION ACTIVITIES FOR  
GRADES 5-7 AND FOR SPECIAL  
EDUCATION CLASSES. THE UNITS ARE  
DEVELOPED AROUND SPECIFIC TOPICS  
AND INCORPORATE THE FOLLOWING  
ELEMENTS: SUBJECT-CONTENT  
RELATIONSHIPS, OCCUPATIONAL  
INFORMATION, RESOURCE SPEAKERS,  
INTERVIEWS AND REPORTS, PARENT-  
FAMILY INVOLVEMENT, HANDS-ON AND  
OTHER SENSORY EXPERIENCES, ROLE  
PLAYING AND SIMULATION ACTIVITIES,  
AND CAREER-RELATED FIELD TRIPS.

EACH UNIT REQUIRES FOUR TO SIX  
WEEKS, AND TEACHERS MAY SELECT  
THOSE ACTIVITIES MOST APPROPRIATE  
FOR THEIR PARTICULAR STUDENTS. THE  
UNITS GENERALLY CONTAIN OBJECTIVES,  
CONTENT QUESTIONS, TECHNIQUES AND  
ACTIVITIES, RESOURCES AND MATERIALS  
REQUIRED FOR EACH ACTIVITY, AND A  
BIBLIOGRAPHY. SAMPLE UNIT TOPICS  
ARE CARTOGRAPHY, WEATHER, AND IRON  
WORKING. THE CAREER EDUCATION UNITS  
FOR SPECIAL EDUCATION CLASSES ARE  
DESIGNED FOR THREE INSTRUCTIONAL  
LEVELS: PRIMARY AND INTERMEDIATE  
EDUCABLE MENTALLY RETARDED, AND  
TRAINABLE MENTALLY RETARDED. THE  
SPECIAL EDUCATION SECTION COMPRISES  
ABOUT ONE THIRD OF THE DOCUMENT.  
(AUTHOR/RG)

#### VT 103 223

RESEARCH AND DEVELOPMENT PROJECT IN  
CAREER EDUCATION. SECONDARY CAREER  
EDUCATION ACTIVITIES: VOLUME III.  
GRADES 8-12.

RADFORD CITY SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
DEG-0-73-2990  
PUB DATE - NOV74 192P.; RELATED  
DOCUMENTS VT 103 221 THROUGH VT 103  
223 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
UNITS OF STUDY (SUBJECT FIELDS);  
SECONDARY EDUCATION; \*LEARNING  
ACTIVITIES; \*RESOURCE MATERIALS;  
BEHAVIORAL OBJECTIVES; \*CURRICULUM  
GUIDES

ABSTRACT - THE CAREER EDUCATION  
ACTIVITIES IN THIS VOLUME ARE  
ORGANIZED INTO FIVE MAJOR SUBJECT  
AREAS: ENGLISH, MATHEMATICS,  
SCIENCE, SOCIAL STUDIES, AND HEALTH  
AND PHYSICAL EDUCATION. THE INTENT  
OF THE ACTIVITIES IS TO ASSIST IN  
REFOCUSING TRADITIONAL SUBJECT  
MATTER CONTENT SO THAT CAREER  
ORIENTATION EVOLVES AS THE ORIGINAL  
CONTENT IS PRESENTED. FOR EACH  
TOPIC, THE FOLLOWING INFORMATION IS  
PROVIDED: GRADE LEVEL, BROAD  
OBJECTIVE, PERFORMANCE OBJECTIVES,  
LESSON PROCEDURES (ACTIVITIES), AND

MATERIALS AND RESOURCES. SAMPLE TOPICS ARE: THE NEWSPAPER, CHECKING ACCOUNTS, ELECTRICITY AND RELATED JOBS, TRANSPORTATION CAREERS, AND MENTAL HEALTH. (AUTHOR/RG)

VT 103 224

SMITH, GENEVIEVE

A FOLLOW-UP STUDY OF TENNESSEE VOCATIONAL EDUCATION SENIORS, 1973-74 AND 1974-75.

TENNESSEE UNIV., KNOXVILLE.  
OCCUPATIONAL RESEARCH AND  
DEVELOPMENT COORDINATING UNIT.;  
TENNESSEE STATE BOARD FOR  
VOCATIONAL EDUCATION, NASHVILLE.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 30 JUN 76 74P.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP;  
\*VOCATIONAL EDUCATION;  
\*OCCUPATIONAL SURVEYS; EMPLOYMENT  
EXPERIENCE; EDUCATIONAL STATUS  
COMPARISON; PROGRAM EVALUATION;  
TABLES (DATA)  
IDENTIFIERS - TENNESSEE

ABSTRACT - THIS REPORT SUMMARIZED RESULTS OF A FOLLOWUP SURVEY OF TENNESSEE VOCATIONAL EDUCATION SENIORS OF 1973-74 AND 1974-75. A QUESTIONNAIRE TO COLLECT INFORMATION RELATING TO EMPLOYMENT, EDUCATION, AND EVALUATION OF VOCATIONAL PROGRAMS IN THE STATE WAS MAILED TO STRATIFIED SAMPLES OF 2,086 VOCATIONAL EDUCATION SENIORS OF 1973-74 AND 5,219 OF 1974-75 WITH A TOTAL RESPONSE RATE FOR BOTH YEARS OF 13.8 PERCENT (1,846). THE DATA WERE CATEGORIZED ACCORDING TO VOCATIONAL FIELD AND ARE PRESENTED IN TABULAR FORM ACCORDING TO: CHOICE OF VOCATIONAL PROGRAM, COMPLETION OF VOCATIONAL PROGRAM, ENROLLMENT IN MORE VOCATIONAL EDUCATION, EVALUATION OF SCHOOL SERVICES, AND INFORMATION RELATING TO EMPLOYED STUDENTS. TABLES ALSO PRESENT INFORMATION ON THE EMPLOYMENT AND EDUCATIONAL STATUS OF STUDENTS ACCORDING TO THE VARIABLES OF SEX, RACE, AND REGULAR, DISADVANTAGED, OR HANDICAPPED STATUS. SOME OF THE CONCLUSIONS ARE: VOCATIONAL

OFFERINGS GENERALLY MET THE DEMAND WITH A CONSIDERABLE NUMBER OF RESPONDENTS INDICATING SATISFACTION WITH VOCATIONAL PROGRAMS; A MAJORITY COMPLETED THEIR PROGRAM; EQUIPMENT AND FACILITIES WERE RATED ADEQUATE, ALTHOUGH JOB PLACEMENT WAS CONSIDERED POOR BY ONE-FOURTH; MOST ACQUIRED JOBS WITH A MAJORITY INDICATING SOME RELATIONSHIP BETWEEN THEIR VOCATIONAL TRAINING AND PRESENT JOB; AND APPROXIMATELY 33 PERCENT WERE ENROLLED IN SOME TYPE OF SCHOOL OR COLLEGE. (NJ)

VT 103 225

MACLEOD, GEORGE H.

REVAMP: REVITALIZE THE VOCATIONAL AND ACADEMIC MULTIFARIOUS PROGRAM THROUGH CAREER EDUCATION. FINAL REPORT.

SOUTH PORTLAND SCHOOL DEPT., MAINE.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
DEG-0-73-5305

PUB DATE - JUL 76 596P.; RELATED  
DOCUMENT VT 103 226, A LANGUAGE  
ARTS CURRICULUM GUIDE FOR GRADES 7  
TO 12 IS CONTAINED IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
ELEMENTARY SECONDARY EDUCATION;  
POST SECONDARY EDUCATION;  
\*CURRICULUM GUIDES; \*CAREER  
AWARENESS; DEVELOPMENTAL PROGRAMS;  
PROGRAM DESCRIPTIONS; \*LANGUAGE  
ARTS; \*LEARNING ACTIVITIES;  
OCCUPATIONAL GUIDANCE; COURSE  
DESCRIPTIONS; CAREER EXPLORATION

ABSTRACT - DESCRIBED IN THE REPORT ARE THE ACTIVITIES AND ACCOMPLISHMENTS OF A THREE-YEAR CAREER EDUCATION PROJECT FOR GRADES K-14. IN ADDITION TO THE COMPONENTS OF CAREER AWARENESS, ORIENTATION, EXPLORATION, AND PREPARATION, THE PROGRAM RECYCLING COMPONENT PROVIDED COURSE WORK AND COUNSELING SERVICES FOR ALL OUT-OF-SCHOOL YOUTH AND ADULTS IN THE COMMUNITY. APPENDED PROJECT MATERIALS CONSTITUTE THE MAJOR PORTION OF THE DOCUMENT AND INCLUDE TWO CURRICULUM GUIDES. THE CAREER AWARENESS GUIDE



FOR GRADES K-6 (198 PAGES) CONTAINS LEARNING ACTIVITIES ORGANIZED AROUND THE FOLLOWING THEMES: SELF-AWARENESS, INTERPERSONAL SKILLS, DECISIONMAKING, WORK AWARENESS, MANIPULATIVE SKILLS, ECONOMIC AWARENESS, THE VALUE OF WORK, AND RELEVANCE OF EDUCATION. A SECOND SECTION OF THE GUIDE DETAILS USE OF COMMUNITY RESOURCES THROUGH FIELD TRIPS AND RESOURCE VISITORS. THE LANGUAGE ARTS CURRICULUM GUIDE FOR GRADES 7-12 (229 PAGES) PRESENTS ACTIVITIES FOR THE JUNIOR HIGH SCHOOL GROUPED UNDER SPECIFIC TOPICS. FOR EACH TOPIC, AN OVERVIEW, OBJECTIVES, RESOURCES, ACTIVITIES, AND EVALUATION METHODS ARE LISTED. COURSE DESCRIPTIONS FOR 35 HIGH SCHOOL ENGLISH COURSES PROVIDE A STATEMENT OF OBJECTIVES, MATERIALS REQUIRED, AND A COURSE OUTLINE. OTHER APPENDED MATERIALS ARE: A CAREER GUIDANCE INSTITUTE REPORT, DIRECTORY OF RESOURCES, AND A HIGH SCHOOL CAREER GUIDANCE HANDBOOK. (RG)

## VT 103 226

CKUISE, MARY S., ED.; WRIGHT, SARAH LEE, ED.  
LANGUAGE ARTS CURRICULUM GUIDE.  
GRADES SEVEN TO TWELVE.

SOUTH PORTLAND SCHOOL DEPT., MAINE.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; MAINE STATE DEPT.  
OF EDUCATIONAL AND CULTURAL  
SERVICES, AUGUSTA. VOCATIONAL  
EDUCATION RESEARCH COORDINATING  
UNIT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN76 231P.; RELATED  
DOCUMENT VT 103 225 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*LANGUAGE ARTS; \*TEACHER-DEVELOPED  
MATERIALS; \*CAREER EDUCATION;  
\*LEARNING ACTIVITIES; SECONDARY  
EDUCATION; COURSE DESCRIPTIONS

ABSTRACT - THIS LANGUAGE ARTS  
CURRICULUM GUIDE FOR GRADES SEVEN  
THROUGH 12 WAS DEVELOPED BY  
TEACHERS AS PART OF A THREE-YEAR  
CAREER EDUCATION PROJECT IN SOUTH  
PORTLAND, MAINE. THE PROCESS

INVOLVED IN REVISION OF THE ENGLISH  
CURRICULUM IS DESCRIBED, AND THE  
SEQUENTIAL PHASES OF THE PROGRAM  
FOR THE JUNIOR HIGH GRADES ARE  
GIVEN ALONG WITH THE GOALS FOR THE  
CAREER DEVELOPMENT DESIGN. THE  
LEARNING ACTIVITIES FOR THE JUNIOR  
HIGH LEVEL ARE PRESENTED FOR  
SEVERAL OF THE U.S.O.E.

OCCUPATIONAL CLUSTERS WITH TOPIC  
OVERVIEW, OBJECTIVES, RESOURCES,  
ACTIVITIES, AND EVALUATION. SEVERAL  
OUTLINES ARE PRESENTED FOR CAREER  
UNITS FOR GRADE NINE. COURSE  
DESCRIPTIONS FOR 35 HIGH SCHOOL  
ENGLISH COURSES PROVIDE A STATEMENT  
OF OBJECTIVES, MATERIALS REQUIRED,  
AND COURSE OUTLINE. (NJ)

## VT 103 227

VOCATIONAL ENGLISH: LEVEL I.

GATEWAY TECHNICAL INST., KENOSHA,  
WIS.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; WISCONSIN STATE  
BOARD OF VOCATIONAL, TECHNICAL, AND  
ADULT EDUCATION, MADISON.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 76 40P.; RELATED  
DOCUMENTS VT 103 227 THROUGH VT 103  
229 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*ENGLISH (SECOND LANGUAGE);  
\*VOCATIONAL EDUCATION; OCCUPATIONAL  
INFORMATION

ABSTRACT - THIS CURRICULUM GUIDE IS  
DESIGNED FOR USE IN CLASSES OF  
ENGLISH AS A SECOND LANGUAGE. IT  
PROVIDES STUDENTS WITH INFORMATION  
ABOUT VARIOUS OCCUPATIONS AS WELL  
AS THE OPPORTUNITY TO BECOME MORE  
PROFICIENT IN ENGLISH. THE GUIDE  
WAS DEVELOPED AS AN EFFORT TO  
INTRODUCE STUDENTS TO VOCATIONAL  
PROGRAMS IN WHICH THEY COULD BE  
SUCCESSFUL WITH VARYING DEGREES OF  
ENGLISH SKILL. IT IS ONE OF A  
SERIES OF THREE, WITH THE PROGRAMS  
THAT REQUIRE THE LEAST SKILL IN  
ENGLISH INTRODUCED AT LEVEL I. THE  
LEVEL I GUIDE CONSISTS OF LESSONS  
ON SAFETY, WELDING, MAINTENANCE,  
GENERAL FACTORY, MACHINE OPERATOR,  
FOOD PREPARATION, NURSING

ASSISTANT, AND AGRICULTURE. EACH LESSON CONTAINS A STUDENT OBJECTIVE, VOCABULARY LIST, DIALOGUE, AND GRAMMATICAL RULES AND EXERCISES. (NJ)

VT 103 228

VOCATIONAL ENGLISH: LEVEL II.

GATEWAY TECHNICAL INST., KENDSHA, WIS.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 76 52P.; RELATED DOCUMENTS VT 103 227 THROUGH VT 103 229 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES; VOCATIONAL EDUCATION; \*ENGLISH (SECOND LANGUAGE); \*CAREER EDUCATION; OCCUPATIONAL INFORMATION

ABSTRACT - THIS CURRICULUM GUIDE IS DESIGNED FOR USE IN CLASSES OF ENGLISH AS A SECOND LANGUAGE. IT PROVIDES STUDENTS WITH INFORMATION ABOUT VARIOUS OCCUPATIONS AS WELL AS THE OPPORTUNITY TO BECOME MORE PROFICIENT IN ENGLISH. THE GUIDE WAS DEVELOPED AS AN EFFORT TO INTRODUCE STUDENTS TO VOCATIONAL PROGRAMS IN WHICH THEY COULD BE SUCCESSFUL WITH VARYING DEGREES OF ENGLISH SKILL. IT IS ONE OF A SERIES OF THREE, WITH THE PROGRAMS WHICH REQUIRE THE LEAST SKILL IN ENGLISH INTRODUCED AT LEVEL I. THE LEVEL II GUIDE CONSISTS OF LESSONS ON AUTO MECHANICS, UPHOLSTERY AND AUTO TRIM, AUTO BODY, SMALL ENGINE REPAIR, BLUEPRINT READING, FOOD PREPARATION, GENERAL OFFICE, KEYPUNCH OPERATOR, AND WARD CLERK. EACH LESSON CONTAINS STUDENT OBJECTIVE, VOCABULARY LIST, DIALOGUE, AND GRAMMATICAL RULES AND EXERCISES. (NJ)

VT 103 229

VOCATIONAL ENGLISH: LEVEL III.

GATEWAY TECHNICAL INST., KENDSHA, WIS.

OFFICE OF EDUCATION (DHEW),

WASHINGTON, D.C.; WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 76 40P.; RELATED DOCUMENTS VT 103 227 THROUGH VT 103 229 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES; \*VOCATIONAL EDUCATION; \*ENGLISH (SECOND LANGUAGE); \*CAREER EDUCATION; OCCUPATIONAL INFORMATION

ABSTRACT - THIS CURRICULUM GUIDE IS DESIGNED FOR USE IN CLASSES OF ENGLISH AS A SECOND LANGUAGE. IT PROVIDES STUDENTS WITH INFORMATION ABOUT VARIOUS OCCUPATIONS AS WELL AS THE OPPORTUNITY TO BECOME MORE PROFICIENT IN ENGLISH. THE GUIDE WAS DEVELOPED AS AN EFFORT TO INTRODUCE STUDENTS TO VOCATIONAL PROGRAMS IN WHICH THEY COULD BE SUCCESSFUL WITH VARYING DEGREES OF ENGLISH SKILL. IT IS ONE OF A SERIES OF THREE, WITH THE PROGRAMS WHICH REQUIRE THE LEAST SKILL IN ENGLISH INTRODUCED AT LEVEL I. THE LEVEL III GUIDE CONSISTS OF LESSONS IN MECHANICAL DRAFTING, ELECTRONIC SERVICING, CLERK-TYPIST, ACCOUNT CLERK, DATA PROCESSING, PRACTICAL NURSING, AND FOOD PREPARATION. EACH LESSON CONTAINS A STUDENT OBJECTIVE, VOCABULARY LIST, DIALOGUE, AND GRAMMATICAL RULES AND EXERCISES. (NJ)

VT 103 230

BRAY, LARRY; AND OTHERS  
CAREER ASSESSMENT PROGRAM (CAP).

CLARK COUNTY SCHOOL DISTRICT, LAS VEGAS, NEV.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 76 49P.

DESCRIPTORS - \*HIGH SCHOOL STUDENTS; \*CAREER PLANNING; \*COUNSELING PROGRAMS; \*OCCUPATIONAL GUIDANCE; SECONDARY EDUCATION; COUNTY SCHOOL SYSTEMS; \*EDUCATIONAL OPPORTUNITIES



**ABSTRACT - THE CAREER ASSESSMENT PROGRAM (CAP) WAS DEVELOPED TO PROVIDE A UNIFORM SYSTEM BY WHICH STUDENTS, WITH THE AID OF THEIR COUNSELOR, WILL BE ABLE TO ASSESS THE STATUS OF THEIR POST-HIGH SCHOOL CAREER PLANS. AFTER THIS EVALUATION, THE RESULTS SHOULD BE MADE AVAILABLE TO BOTH STUDENT AND PARENT TO SERVE AS A BASIS FOR EDUCATIONAL AND CAREER PLANNING. INCLUDED IN THE DOCUMENT IS THE CAREER ASSESSMENT FORM FOR HIGH SCHOOL SENIORS, GUIDELINES FOR ITS ADMINISTRATION AND INTERPRETATION OF RESULTS, AND INFORMATION SHEETS ON THE FOLLOWING TOPICS: BUSINESS AND TECHNICAL SCHOOLS, COLLEGE PLANNING, COMMUNITY COLLEGE, CORRESPONDENCE STUDY, EMPLOYMENT SOURCES, FINANCIAL AID, INDEPENDENT BUSINESS, LABOR UNIONS, AND MILITARY SERVICE. THE INFORMATION SHEETS PRESENT THE MAJOR FACTORS TO BE CONSIDERED FOR EACH OF THE POST-GRADUATION OPTIONS. (AUTHOR/RG)**

**VT 103 231**

**WILLIAMS, GEORGE V.  
ELECTRICAL DISCHARGE MACHINING FOR  
THE SECONDARY VOCATIONAL LEVEL.**

**MID-CENTRAL AREA VOCATIONAL SCHOOL,  
ELWOOD, IND.  
INDIANA STATE BOARD OF PUBLIC  
INSTRUCTION, INDIANAPOLIS. DIV. OF  
VOCATIONAL EDUCATION.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - NO 101P.; PAGE  
63 AND PAGE 61 WERE NOT  
REPRODUCIBLE AS THEY APPEARED IN  
THE ORIGINAL AND WERE RETYPED AT  
THE CENTER FOR VOCATIONAL  
EDUCATION.**

**DESCRIPTORS - \*TRADE AND INDUSTRIAL  
EDUCATION; \*CURRICULUM GUIDES;  
\*METAL WORKING OCCUPATIONS;  
\*MACHINISTS; SECONDARY EDUCATION;  
POST SECONDARY EDUCATION**

**ABSTRACT - THE OBJECTIVES OF THIS  
BOOKLET ON ELECTRICAL DISCHARGE  
MACHINING (EDM) WERE: (1) TO  
SIMPLIFY TECHNICAL DATA AND  
INFORMATION FOR SECONDARY**

**VOCATIONAL AND POST HIGH SCHOOL  
STUDENTS; (2) TO ORGANIZE A COURSE  
CONTENT FOR TEACHING EDM AT THE  
SECONDARY VOCATIONAL LEVEL AND POST  
HIGH SCHOOL LEVEL; (3) TO DEVELOP  
LEARNING SEQUENCES AND PRACTICAL  
EXERCISES FOR TEACHING EDM; (4) TO  
PROVIDE A UNIT ON SAFETY AND SAFE  
WORKING HABITS CONCERNING THE EDM  
PROCESS; AND (5) TO INFORM STUDENTS  
OF THE ADVANTAGES AND LIMITATIONS  
OF EDM. THE INTRODUCTORY CHAPTER  
PRESENTS THE HISTORY OF EDM AND  
DESCRIBES THE BASIC EDM PROCESS.  
THE REMAINING CHAPTERS ARE  
ENTITLED: BASIC COMPONENTS OF EDM,  
CONTROL OF THE PROCESS, MACHINING  
ELECTRODES, AND ELECTRODE HOLDERS.  
ALSO INCLUDED IS A SECTION OF  
MACHINING EXERCISES WHICH ARE  
ADAPTABLE TO ALL MACHINES AND CAN  
BE USED TO ACQUAINT THE OPERATOR  
WITH THE MACHINE AND ITS  
CAPABILITIES. A GLOSSARY OF TERMS  
AND BIBLIOGRAPHY ARE APPENDED,  
ALONG WITH TECHNICAL INFORMATION ON  
THE OPERATION OF THE CINCINNATI  
MODEL 141 EDM MACHINE. (NJ)**

**VT 103 232**

**ENGLISH ON THE JOB. ANH NGU TRONG  
CONG VIEC. LEVEL 1.**

**WISCONSIN RESETTLEMENT ASSISTANCE  
OFFICE, MADISON. DIV. OF EMERGENCY  
GOVERNMENT, LOCAL AFFAIRS AND  
DEVELOPMENT.; WISCONSIN STATE BOARD  
OF VOCATIONAL, TECHNICAL, AND ADULT  
EDUCATION, MADISON.  
OFFICE OF EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 76 93P.; RELATED  
DOCUMENTS VT 103 232 THROUGH VT 103  
234 IN THIS ISSUE.**

**DESCRIPTORS - \*ENGLISH (SECOND  
LANGUAGE); \*INDOCHINESE; \*CAREER  
EDUCATION; \*VOCATIONAL EDUCATION;  
\*CURRICULUM GUIDES**

**ABSTRACT - THIS CURRICULUM GUIDE IS  
PART OF A THREE-VOLUME SERIES  
DEVELOPED TO PROVIDE INDOCHINESE  
STUDENTS WITH LANGUAGE SKILLS  
NEEDED IN THE WORLD OF WORK. THESE  
GUIDES ARE INTENDED FOR USE IN**

CLASSES OF ENGLISH AS A SECOND LANGUAGE. THE LESSONS PROVIDE AN OVERVIEW OF AVAILABLE VOCATIONAL PROGRAMS SO THAT STUDENTS INCREASE THEIR KNOWLEDGE OF CAREER OPPORTUNITIES AS THEY BECOME MORE PROFICIENT IN ENGLISH. THE LESSONS ARE DESIGNED TO INTRODUCE STUDENTS TO VOCATIONAL PROGRAMS IN WHICH THEY CAN BE SUCCESSFUL WITH VARYING DEGREES OF ENGLISH SKILL, WITH THE PROGRAMS THAT REQUIRE THE LEAST SKILL INTRODUCED AT LEVEL I. THIS LEVEL I GUIDE CONTAINS LESSONS ON FOOD PREPARATION, NURSING ASSISTANT, SAFETY, WELDING, MAINTENANCE, GENERAL FACTORY, MACHINE OPERATOR, AND AGRICULTURE. EACH LESSON CONSISTS OF A VOCABULARY LIST WITH VIETNAMESE TRANSLATIONS OR EXPLANATIONS FOLLOWED BY A DIALOGUE PRINTED IN BOTH LANGUAGES WHICH FORMS THE BASIS FOR SUBSEQUENT DISCUSSIONS. INSTRUCTIONS ARE PRINTED IN BOTH ENGLISH AND VIETNAMESE. THE READING CONTAINED IN EACH LESSON PROVIDES FURTHER INFORMATION CONCERNING THE VOCATIONAL PROGRAM DISCUSSED IN THE LESSON. A FINAL SECTION INCLUDES SUGGESTIONS FOR DISCUSSION TOPICS, OUTSIDE ACTIVITIES, AND ADDITIONAL PRACTICE. (NJ)

**VT 103 233**

ENGLISH ON THE JOB. ANH NGU TRONG CONG VIEC. LEVEL II.

WISCONSIN RESETTLEMENT ASSISTANCE OFFICE, MADISON. DIV. OF EMERGENCY GOVERNMENT, LOCAL AFFAIRS AND DEVELOPMENT.; WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

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DESCRIPTORS - \*ENGLISH (SECOND LANGUAGE); \*INDOCHINESE; \*CAREER EDUCATION; \*VOCATIONAL EDUCATION; \*CURRICULUM GUIDES

ABSTRACT - THIS CURRICULUM GUIDE IS

PART OF A THREE-VOLUME SERIES DEVELOPED FOR USE IN CLASSES OF ENGLISH AS A SECOND LANGUAGE TO PROVIDE INDOCHINESE STUDENTS WITH LANGUAGE SKILLS NEEDED IN THE WORLD OF WORK. THE LESSONS PROVIDE AN OVERVIEW OF AVAILABLE VOCATIONAL PROGRAMS SO THAT STUDENTS INCREASE THEIR KNOWLEDGE OF CAREER OPPORTUNITIES AS THEY BECOME MORE PROFICIENT IN ENGLISH. THE LESSONS ARE DESIGNED TO INTRODUCE STUDENTS TO PROGRAMS IN WHICH THEY CAN BE SUCCESSFUL WITH VARYING DEGREES OF ENGLISH SKILLS, WITH THE PROGRAMS THAT REQUIRE THE LEAST SKILL INTRODUCED AT LEVEL I. THIS LEVEL II GUIDE CONTAINS LESSONS ON WARD CLERK, GENERAL OFFICE, FOOD PREPARATION, AUTO MECHANICS, SMALL ENGINE REPAIR, BLUEPRINT READING, AUTO BODY, KEYPUNCH OPERATOR, AND UPHOLSTERY AND AUTO TRIM. EACH LESSON CONSISTS OF A VOCABULARY LIST WITH VIETNAMESE TRANSLATIONS OR EXPLANATIONS FOLLOWED BY A DIALOGUE PRINTED IN BOTH LANGUAGES WHICH FORMS THE BASIS FOR THE SUBSEQUENT EXERCISES AND DISCUSSIONS. INSTRUCTIONS ARE PRINTED IN BOTH ENGLISH AND VIETNAMESE. THE READING CONTAINED IN EACH LESSON PROVIDES FURTHER INFORMATION CONCERNING THE VOCATIONAL PROGRAM DISCUSSED IN THE LESSON. A FINAL SECTION INCLUDES SUGGESTIONS FOR DISCUSSION TOPICS, OUTSIDE ACTIVITIES, AND ADDITIONAL PRACTICE. (NJ)

**VT 103 234**

ENGLISH ON THE JOB. ANH NGU TRONG CONG VIEC. LEVEL III.

WISCONSIN RESETTLEMENT ASSISTANCE OFFICE, MADISON. DIV. OF EMERGENCY GOVERNMENT, LOCAL AFFAIRS AND DEVELOPMENT.; WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 76 94P.; RELATED DOCUMENTS VT 103 232 THROUGH VT 103 234 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
 \*ENGLISH (SECOND LANGUAGE);  
 \*INDOCHINESE; \*CAREER EDUCATION;  
 \*VOCATIONAL EDUCATION

ABSTRACT - INTENDED FOR USE IN CLASSES OF ENGLISH AS A SECOND LANGUAGE, THIS CURRICULUM GUIDE IS PART OF A THREE-VOLUME SERIES DEVELOPED TO PROVIDE INDOCHINESE STUDENTS WITH LANGUAGE SKILLS NEEDED IN THE WORLD OF WORK. THE LESSONS PROVIDE AN OVERVIEW OF AVAILABLE VOCATIONAL PROGRAMS SO THAT STUDENTS INCREASE THEIR KNOWLEDGE OF CAREER OPPORTUNITIES AS THEY BECOME MORE PROFICIENT IN ENGLISH. THE LESSONS ARE DESIGNED TO INTRODUCE STUDENTS TO PROGRAMS IN WHICH THEY CAN BE SUCCESSFUL WITH VARYING DEGREES OF ENGLISH SKILLS, WITH THE PROGRAMS THAT REQUIRE THE LEAST SKILL INTRODUCED AT LEVEL I. THIS LEVEL III GUIDE CONTAINS LESSONS ON CLERK TYPIST, ACCOUNT CLERK, PRACTICAL NURSING, DATA PROCESSING, MECHANICAL DRAFTING, ELECTRONIC SERVICING, AND FOOD PREPARATION. EACH LESSON CONSISTS OF A VOCABULARY LIST WITH VIETNAMESE TRANSLATIONS OR EXPLANATIONS FOLLOWED BY A DIALOGUE PRINTED IN BOTH LANGUAGES WHICH FORMS THE BASIS FOR SUBSEQUENT EXERCISES AND DISCUSSIONS. INSTRUCTIONS ARE PRINTED IN BOTH ENGLISH AND VIETNAMESE. THE READING CONTAINED IN EACH LESSON PROVIDES FURTHER INFORMATION CONCERNING THE VOCATIONAL PROGRAM DISCUSSED IN THE LESSON. A FINAL SECTION INCLUDES SUGGESTIONS FOR DISCUSSION TOPICS, OUTSIDE ACTIVITIES, AND ADDITIONAL PRACTICE. (NJ)

VT 103 235  
 WIRCENSKI, J.-L.  
 DEVELOPING CAREER COUNSELING  
 INSTRUMENTS. A GUIDANCE HANDBOOK.

PURDUE UNIV., LAFAYETTE. DEPT. OF INDUSTRIAL EDUCATION.  
 MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
 PUB DATE - ND 14P.;  
 RELATED DOCUMENT VT 103 400 IN THIS ISSUE.

DESCRIPTORS - MANUALS; GUIDANCE COUNSELING; EVALUATION CRITERIA; \*STUDENT EVALUATION; \*EVALUATION METHODS; VOCATIONAL EDUCATION; IDENTIFICATION; \*EDUCATIONAL DIAGNOSIS; \*GUIDELINES; MATERIAL DEVELOPMENT

ABSTRACT - THE BOOKLET PRESENTS GUIDELINES FOR DEVELOPING A CAREER COUNSELING INSTRUMENT WHICH MAY BE USED TO IDENTIFY AND SELECT THOSE STUDENTS WHO CAN BEST BENEFIT FROM A PARTICULAR VOCATIONAL PROGRAM FROM THE TOTAL GROUP OF STUDENTS WHO HAVE EXPRESSED A DESIRE TO ENROLL IN THAT PROGRAM. INSTRUMENT CONSTRUCTION TAKES APPROXIMATELY TWO HOURS AND ENTAILS SELECTING APPROPRIATE CRITERIA FOR STUDENT EVALUATION, SUCH AS GRADES, ATTENDANCE, ATTITUDE, MENTAL LEVEL, AND PROGRAM INTEREST, AND ASSIGNING POINT VALUES TO EACH ONE. THE STUDENT IS RATED ON A SCALE FOR EACH OF THE CRITERIA, RESULTING IN THE ATTAINMENT OF POINTS FOR EACH SCALE AS WELL AS A TOTAL POINT COUNT FOR THE INSTRUMENT. DATA FOR THE INSTRUMENT IS OBTAINED FROM STUDENT RECORDS AND TEACHER EVALUATION. SAMPLE FORMS ARE INCLUDED. (AUTHOR/RG)

VT 103 236  
 PARSONS, RALPH  
 JACKS - A STUDY OF SIMPLE MACHINES.

FORSYTH TECHNICAL INST., WINSTON-SALEM, N.C.  
 NORTH CAROLINA STATE DEPT. OF EDUCATION, RALEIGH. OCCUPATIONAL RESEARCH UNIT.  
 MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
 PUB DATE - ND 48P.;  
 RELATED DOCUMENTS VT 103 298 AND VT 103 237 THROUGH VT 103 239 IN THIS ISSUE.

DESCRIPTORS - \*PHYSICS CURRICULUM; \*STUDY GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY EDUCATION; \*VOCATIONAL EDUCATION; \*INDIVIDUALIZED CURRICULUM IDENTIFIERS - \*JACKS (LIFTS)

ABSTRACT - THE SUBJECT OF THIS



INDIVIDUALIZED STUDENT MODULE IN PHYSICS IS JACKS--SIMPLE MACHINES USED TO LIFT HEAVY OBJECTS. IT CONTAINS STUDENT PREREQUISITES AND OBJECTIVES, AN INTRODUCTION, AND SECTIONS ON THE RATCHET BUMPER JACK, THE HYDRAULIC JACK, THE SCREW JACK, AND LOAD LIMITATIONS. DESIGNED WITH A LABORATORY ORIENTATION, EACH SECTION CONSISTS OF EXPLANATORY MATERIAL, AN EXPERIMENT ACCOMPANIED BY A DATA SHEET, SUGGESTED AUDIOVISUAL MATERIALS, AND REVIEW QUESTIONS. (NJ)

**VT 103 237**  
VOCATIONAL-TECHNICAL PHYSICS  
PROJECT: THERMOMETERS.

FORSYTH TECHNICAL INST., WINSTON-SALEM, N.C.  
NORTH CAROLINA STATE DEPT. OF EDUCATION, RALEIGH. OCCUPATIONAL RESEARCH UNIT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 41P.;  
RELATED DOCUMENTS VT 103 298 AND VT 103 236 THROUGH VT 103 239 IN THIS ISSUE.

DESCRIPTORS - \*PHYSICS CURRICULUM;  
\*STUDY GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY EDUCATION;  
\*VOCATIONAL EDUCATION;  
\*INDIVIDUALIZED CURRICULUM;  
\*TEMPERATURE  
IDENTIFIERS - \*THERMOMETERS

ABSTRACT - THE SUBJECT OF THIS INDIVIDUALIZED STUDENT MODULE IN PHYSICS IS THERMOMETERS. IT CONSISTS OF THE THREE UNITS: TEMPERATURE AND HEAT, EXPANSION THERMOMETERS, AND ELECTRICAL THERMOMETERS. DESIGNED WITH A LABORATORY ORIENTATION, EXPERIMENTS ARE INCLUDED ON LINEAR EXPANSION; MAKING A BIMETALLIC THERMOMETER, A LIQUID-IN-GAS THERMOMETER, AND A GAS THERMOMETER; MAKING, TESTING, AND USING THERMOCOUPLES; COMPARING THERMISTORS WITH ORDINARY MATERIALS; AND CALIBRATING A THERMISTOR. LABORATORY DATA SHEETS, REVIEW QUESTIONS, STUDENT PREREQUISITES, AND OBJECTIVES ARE

ALSO INCLUDED IN THE MODULE. (NJ)

**VT 103 238**  
VOCATIONAL-TECHNICAL PHYSICS  
PROJECT: THE ALTERNATOR.

FORSYTH TECHNICAL INST., WINSTON-SALEM, N.C.  
NORTH CAROLINA STATE DEPT. OF EDUCATION, RALEIGH. OCCUPATIONAL RESEARCH UNIT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 71P.;  
RELATED DOCUMENTS VT 103 298 AND VT 103 236 THROUGH VT 103 239 IN THIS ISSUE.

DESCRIPTORS - \*PHYSICS CURRICULUM;  
\*STUDY GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY EDUCATION;  
\*VOCATIONAL EDUCATION;  
\*INDIVIDUALIZED CURRICULUM  
IDENTIFIERS - \*ALTERNATORS  
(ELECTRIC GENERATORS)

ABSTRACT - THE SUBJECT OF THIS INDIVIDUALIZED STUDENT MODULE IN PHYSICS IS THE ALTERNATOR. IT CONSISTS OF THE FOUR UNITS: CURRENT ELECTRICITY, MAGNETS FROM ELECTRICITY, ELECTRICITY FROM MAGNETS, AND ENERGY CONVERSION. DESIGNED WITH A LABORATORY ORIENTATION, THE UNITS CONSIST OF EXPLANATIONS OF THE CONCEPTS AND EXPERIMENTS. LABORATORY DATA SHEETS, REVIEW QUESTIONS, STUDENT PREREQUISITES AND OBJECTIVES, AND LISTS OF SUGGESTED AUDIOVISUAL MATERIALS ARE ALSO INCLUDED IN THE MODULE. (NJ)

**VT 103 239**  
VOCATIONAL TECHNICAL PHYSICS  
PROJECT: INSTRUCTOR'S MANUAL.

FORSYTH TECHNICAL INST., WINSTON-SALEM, N.C.  
NORTH CAROLINA STATE DEPT. OF EDUCATION, RALEIGH. OCCUPATIONAL RESEARCH UNIT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 49P.;  
RELATED DOCUMENTS VT 103 298 AND VT 103 236 THROUGH VT 103 239 IN THIS ISSUE.

DESCRIPTORS - \*PHYSICS CURRICULUM;  
\*TEACHING GUIDES; SECONDARY  
EDUCATION; \*VOCATIONAL EDUCATION;  
\*INDIVIDUALIZED CURRICULUM

ABSTRACT - THIS INSTRUCTOR'S MANUAL IN VOCATIONAL PHYSICS CONSISTS OF FIVE MODULES ON JACKS, THERMOMETERS, THE ALTERNATOR, THE POOL TABLE, AND THE RADIATOR. IT IS AN INDIVIDUALIZED APPROACH, DESIGNED FOR USE WITH ACCOMPANYING STUDENT MANUALS ON EACH OF THE INDIVIDUAL MODULES. EACH MODULE IN THE INSTRUCTOR'S MANUAL CONSISTS OF A GENERAL DESCRIPTION PLUS AN OUTLINE OF STUDENT OBJECTIVES, PREREQUISITES LABORATORY EXERCISES, EQUIPMENT AND SUPPLIES, AUDIOVISUAL MATERIALS, TESTS, INSTRUCTIONAL STRATEGIES AND ESTIMATED COMPLETION TIME. APPENDED TO THE MANUAL IS MORE SPECIFIC INFORMATION ABOUT EQUIPMENT AND SUPPLIES, INCLUDING SOURCES OF SUPPLIES AND COSTS. TESTS AND KEYS FOR EACH OF THE MODULES ARE ALSO APPENDED. (NJ)

VT 103 240

CURRY, CHARLES; CROSEN, ROGER  
WORK ETHICS FOR TODAY'S YOUTH.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
VIRGINIA STATE DEPT. OF EDUCATION,  
RICHMOND. DIV. OF VOCATIONAL  
EDUCATION.

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ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN76 174P.;  
PHOTOGRAPHIC MATERIAL MAY NOT  
REPRODUCE WELL. BEST COPY  
AVAILABLE.

DESCRIPTORS - \*TEACHING GUIDES;  
\*WORK ATTITUDES; \*VOCATIONAL  
EDUCATION; CAREER EDUCATION;  
SECONDARY EDUCATION; GRADE 10;  
GRADE 11; INSTRUCTIONAL MATERIALS;  
LEARNING ACTIVITIES; \*ETHICAL  
INSTRUCTION

ABSTRACT - THIS TEACHING GUIDE WAS  
PREPARED IN COOPERATION WITH THE  
VIRGINIA DIVISION OF VOCATIONAL  
EDUCATION TO PROVIDE VOCATIONAL

TEACHERS WITH A GUIDE FOR  
IMPLEMENTING WORK ETHICS  
INSTRUCTION. THE GUIDE INCLUDES 23  
LESSON PLANS WHICH ARE ORGANIZED  
INTO EIGHT INSTRUCTIONAL UNITS:  
LEARNING ABOUT WORK; DEVELOPING  
PERSONALLY; CONDUCTING YOURSELF  
ETHICALLY; DEVELOPING HUMAN  
RELATIONS SKILLS; GETTING A JOB;  
PERFORMING ON THE JOB; MANAGING  
MONEY; AND WORKING IS FOR EVERYONE.  
EACH LESSON CONTAINS STUDENT  
OBJECTIVES, MOTIVATION TECHNIQUES,  
LEARNING ACTIVITIES, CONTENT  
SUMMARY, TEACHING AIDS AND  
REFERENCES, AND EVALUATION  
TECHNIQUE. MORE THAN 20 DIFFERENT  
STUDENT ACTIVITIES ARE INCLUDED IN  
THE MOTIVATION TECHNIQUES AND  
LEARNING ACTIVITIES THROUGHOUT THE  
GUIDE. THE MATERIALS MAY BE USED IN  
ANY REGULAR CLASSROOM SETTING. THE  
FIELD TESTING REVEALED THAT THEY  
ARE MOST RELEVANT WHEN TAUGHT AT  
THE LEVEL OF GRADES 10 OR 11,  
ALTHOUGH CERTAIN INDIVIDUAL LESSONS  
WILL WORK WELL IN OTHER GRADES.  
(AUTHOR/NJ)

VT 103 241

DEVELOPMENT AND IMPLEMENTATION OF A  
MODEL REGIONAL INFORMATION SYSTEM  
FOR VOCATIONAL-TECHNICAL EDUCATION.  
FINAL REPORT. VOLUMES I AND II.

TENNESSEE UNIV., KNOXVILLE.  
OCCUPATIONAL RESEARCH AND  
DEVELOPMENT COORDINATING UNIT.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

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ANNOUNCED IN VOL. 10, NO. 2.  
OEG-0-74-1747  
PUB DATE - JAN76 175P.

DESCRIPTORS - \*MODELS; \*MANAGEMENT  
INFORMATION SYSTEMS; \*VOCATIONAL  
EDUCATION; PROGRAM DESCRIPTIONS;  
PROGRAM EVALUATION; EMPLOYMENT  
PROJECTIONS; \*MANPOWER NEEDS

ABSTRACT - THIS FINAL REPORT  
DESCRIBES A PROJECT TO DEVELOP AND  
TEST A MODEL REGIONAL INFORMATION  
SYSTEM FOR VOCATIONAL-TECHNICAL  
EDUCATION IN 18 COUNTIES IN  
TENNESSEE, NORTH CAROLINA, AND  
VIRGINIA. PROCEDURES IN MODEL



DEVELOPMENT INCLUDED A NEEDS ASSESSMENT OF TARGET AREA VOCATIONAL ADMINISTRATORS, DATA COLLECTION FROM A WIDE VARIETY OF REGIONAL SOURCES, A USER INSERVICE TRAINING WORKSHOP FOR VOCATIONAL ADMINISTRATORS, AND EVALUATION. IT WAS FOUND THAT THE INFORMATION SYSTEM WAS TRANSPORTABLE, MAKING IT ECONOMICALLY FEASIBLE FOR LOCAL EDUCATION SYSTEMS. IT WAS FURTHER FOUND THAT THE SYSTEM PROVIDED MANPOWER INFORMATION AS WELL AS PLANNING INFORMATION ESSENTIAL FOR VOCATIONAL PROGRAM DEVELOPMENT. THE REPORT SUMMARIZES ALL PHASES OF THE PROJECT WITH TABLES PRESENTING DATA FROM THE NEEDS ASSESSMENT AND MODEL EVALUATION. IN ADDITION, THE COMPONENTS OF THE MODEL INFORMATION SYSTEM ARE DESCRIBED. OVER ONE-HALF THE REPORT (127 PAGES) CONSISTS OF APPENDIXES CONTAINING SUBFILES OF THE INFORMATION SYSTEM AND PROJECT-RELATED DATA INCLUDING: LIST OF INFORMATION SOURCES, CODING SYSTEM, OCCUPATIONAL DEMAND SUBFILES, COST PROJECTIONS, SOURCES OF OCCUPATIONAL TRAINING, EVALUATION OF VOCATIONAL PROGRAMS AND EMPLOYMENT BY VOCATIONAL GRADUATES, AND EMPLOYMENT STATUS OF VOCATIONAL GRADUATES. ALSO APPENDED ARE THE TABLED RESULTS OF THE MODEL EVALUATION BY THE VOCATIONAL ADMINISTRATORS PARTICIPATING IN THE DEMONSTRATION WORKSHOP AND THE GUIDELINES FOR THE INFORMATION SYSTEM USER'S MANUAL. (NJ)

VT 103 242

KEMPTON, ROBERT F.  
TEACHING GUIDE FOR BUSINESS MACHINE REPAIR OCCUPATIONS.

NATIONAL EVALUATION SYSTEMS, INC.,  
AMHERST, MASS.  
ILLINOIS STATE OFFICE OF EDUCATION,  
SPRINGFIELD. DEPT. OF ADULT,  
VOCATIONAL AND TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PLCB-A6-012

PUB DATE - ND 137P.;  
RELATED DOCUMENTS VT 103 242  
THROUGH VT 103 246 IN THIS ISSUE.

DESCRIPTORS - \*TEACHING GUIDES;

\*MACHINE REPAIRMEN; \*OFFICE MACHINES; \*PERFORMANCE BASED EDUCATION; \*OCCUPATIONAL INFORMATION; \*TASK ANALYSIS; CURRICULUM DEVELOPMENT; VOCATIONAL EDUCATION; SECONDARY EDUCATION IDENTIFIERS - DICTIONARY OF OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS TEACHING GUIDE FOR BUSINESS MACHINE REPAIR OCCUPATIONS IS ONE OF A SERIES OF FIVE PERFORMANCE-BASED SECONDARY LEVEL VOCATIONAL EDUCATION GUIDES. PART I PROVIDES TOOLS, RESOURCES, AND A PROCESS TO BE USED AT THE LOCAL LEVEL TO DEVELOP A TRAINING CURRICULUM AND SUPPORTING INSTRUCTIONAL ACTIVITIES. IT INCLUDES A COMPREHENSIVE OVERVIEW OF THE CAREER FIELD; A PERFORMANCE-BASED LISTING OF JOB TASKS AND RELATED LEARNING OBJECTIVES; A METHOD FOR DEVELOPING LEARNING ACTIVITY PACKAGES; TWO SAMPLE LEARNING ACTIVITY PACKAGES; DESCRIPTIONS OF EIGHT COMMONLY USED TEACHING METHODS; AND A LISTING OF INSTRUCTIONAL RESOURCES AND REFERENCES. PART II OFFERS THE GUIDANCE COUNSELOR CAREER INFORMATION AND RECOMMENDS STEPS TO DETERMINE CRITERIA FOR STUDENT SELECTION AND PLACEMENT IN THE TRAINING PROGRAM. IT INCLUDES A THEORETICAL FRAMEWORK FOR GUIDANCE ACTIVITIES IN THE TRAINING PROGRAM; A DESCRIPTION OF THE GENERAL APTITUDE TEST BATTERY; A COMPOSITE PROFILE OF THE ENTRY-LEVEL WORKER; A LISTING OF INSTRUCTIONAL UNITS OF A WIDELY USED REMEDIATION PROGRAM; THE "WORKER TRAIT CODIFICATION SYSTEM" FROM THE "DICTIONARY OF OCCUPATIONAL TITLES" WHICH PROVIDES AN EXPLANATION OF THE KNOWLEDGE, APTITUDE, AND INTEREST LEVELS ASSOCIATED WITH WORKER TRAIT GROUPS; DESCRIPTIONS OF RELATED JOBS; AND JOB TITLES ASSOCIATED WITH THE WORKER TRAIT GROUPS IDENTIFIED FOR THE ENTRY-LEVEL WORKER. (NJ)

VT 103 243

KEMPTON, ROBERT F.  
TEACHING GUIDE FOR BUILDING MAINTENANCE OCCUPATIONS.

NATIONAL EVALUATION SYSTEMS, INC.,  
AMHERST, MASS.  
ILLINOIS STATE OFFICE OF EDUCATION,  
SPRINGFIELD. DEPT. OF ADULT,  
VOCATIONAL AND TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PCB-A6-012

PUB DATE - ND 138P.;

RELATED DOCUMENTS VT 103 242

THROUGH VT 103 246 IN THIS ISSUE.

DESCRIPTORS - \*TEACHING GUIDES;  
\*BUILDING OPERATION; BUILDING  
TRADES; \*TASK ANALYSIS;  
\*PERFORMANCE BASED EDUCATION;  
\*OCCUPATIONAL INFORMATION;  
SECONDARY EDUCATION; VOCATIONAL  
EDUCATION; CURRICULUM DEVELOPMENT;  
\*MAINTENANCE  
IDENTIFIERS - DICTIONARY OF  
OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS TEACHING GUIDE FOR  
BUILDING MAINTENANCE IS ONE OF A  
SERIES OF FIVE PERFORMANCE-BASED  
SECONDARY LEVEL VOCATIONAL  
EDUCATION GUIDES. PART I PROVIDES  
TOOLS, RESOURCES, AND A PROCESS TO  
BE USED AT THE LOCAL LEVEL TO  
DEVELOP A TRAINING CURRICULUM AND  
SUPPORTING INSTRUCTIONAL  
ACTIVITIES. IT INCLUDES A  
COMPREHENSIVE OVERVIEW OF THE  
CAREER FIELD; A PERFORMANCE-BASED  
LISTING OF MAINTENANCE JOB TASKS  
AND RELATED LEARNING OBJECTIVES; A  
METHOD FOR DEVELOPING LEARNING  
ACTIVITY PACKAGES; TWO SAMPLE  
LEARNING ACTIVITY PACKAGES;  
DESCRIPTIONS OF EIGHT COMMONLY USED  
TEACHING METHODS; AND A LISTING OF  
INSTRUCTIONAL RESOURCES AND  
REFERENCES. PART II OFFERS THE  
GUIDANCE COUNSELOR CAREER

INFORMATION AND RECOMMENDS STEPS TO  
DETERMINE CRITERIA FOR STUDENT  
SELECTION AND PLACEMENT IN THE  
TRAINING PROGRAM. IT INCLUDES A  
THEORETICAL FRAMEWORK FOR GUIDANCE  
ACTIVITIES IN THE TRAINING PROGRAM;  
A DESCRIPTION OF THE GENERAL  
APTITUDE TEST BATTERY; A COMPOSITE  
PROFILE OF THE ENTRY-LEVEL WORKER;  
A LISTING OF INSTRUCTIONAL UNITS OF  
A WIDELY USED REMEDIATION PROGRAM;  
THE "WORKER TRAIT CODIFICATION

SYSTEM" FROM THE "DICTIONARY OF  
OCCUPATIONAL TITLES" WHICH PROVIDES  
AN EXPLANATION OF THE KNOWLEDGE,  
APTITUDE, AND INTEREST LEVELS  
ASSOCIATED WITH WORKER TRAIT  
GROUPS; DESCRIPTIONS OF RELATED  
JOBS; AND JOB TITLES ASSOCIATED  
WITH THE PRINCIPAL WORKER TRAIT  
GROUP IDENTIFIED FOR THE ENTRY-  
LEVEL WORKER. (NJ)

VT 103 244

KEMPTON, ROBERT F.

TEACHING GUIDE FOR SOCIAL SERVICE  
OCCUPATIONS.

NATIONAL EVALUATION SYSTEMS, INC.,  
AMHERST, MASS.  
ILLINOIS STATE OFFICE OF EDUCATION,  
SPRINGFIELD. DEPT. OF ADULT,  
VOCATIONAL AND TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PCB-A6-012

PUB DATE - ND 129P.;

RELATED DOCUMENTS VT 103 242

THROUGH VT 103 246 IN THIS ISSUE.

DESCRIPTORS - \*TEACHING GUIDES;  
\*SOCIAL SERVICES; \*PARAPROFESSIONAL  
PERSONNEL; \*TASK ANALYSIS;  
\*OCCUPATIONAL INFORMATION;  
\*PERFORMANCE BASED EDUCATION;  
SECONDARY EDUCATION; VOCATIONAL  
EDUCATION; CURRICULUM DEVELOPMENT  
IDENTIFIERS - DICTIONARY OF  
OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS TEACHING GUIDE FOR  
SOCIAL SERVICE OCCUPATIONS IS ONE  
OF A SERIES OF FIVE PERFORMANCE-  
BASED SECONDARY LEVEL GUIDES FOR  
VOCATIONAL EDUCATION. PART I  
PROVIDES TOOLS, RESOURCES, AND A  
PROCESS TO BE USED AT THE LOCAL  
LEVEL TO DEVELOP A SOCIAL SERVICE  
OCCUPATIONS TRAINING CURRICULUM AND  
SUPPORTING INSTRUCTIONAL  
ACTIVITIES. IT INCLUDES A  
COMPREHENSIVE OVERVIEW OF THE  
CAREER FIELD; A PERFORMANCE-BASED  
LISTING OF SOCIAL SERVICE JOB  
TASKS; A DESCRIPTION OF THE  
ATTITUDES AND VALUES INHERENT TO  
SOCIAL SERVICE; A METHOD FOR  
DEVELOPING LEARNING ACTIVITY  
PACKAGES; TWO SAMPLE LEARNING  
ACTIVITY PACKAGES; DESCRIPTIONS OF

EIGHT COMMONLY USED TEACHING METHODS; A LISTING OF INSTRUCTIONAL RESOURCES, REFERENCES AND ACTIVITIES TO BE USED WHEN DEVELOPING LEARNING ACTIVITY PACKAGES. PART II OFFERS THE GUIDANCE COUNSELOR SOCIAL SERVICE CAREER INFORMATION AND RECOMMENDS STEPS TO DETERMINE CRITERIA FOR STUDENT SELECTION AND PLACEMENT IN THE TRAINING PROGRAM. IT INCLUDES A THEORETICAL FRAMEWORK FOR GUIDANCE ACTIVITIES IN THE TRAINING PROGRAM; A DESCRIPTION OF THE GENERAL APTITUDE TEST BATTERY; A COMPOSITE PROFILE OF THE ENTRY-LEVEL WORKER; A LISTING OF INSTRUCTIONAL UNITS OF A WIDELY USED REMEDIATION PROGRAM; THE "WORKER TRAIT CODIFICATION SYSTEM" FROM THE "DICTIONARY OF OCCUPATIONAL TITLES"; DESCRIPTIONS OF RELATED JOBS; AND JOB TITLES ORGANIZED BY THE FOUR MAJOR WORKER TRAIT GROUPS ASSOCIATED WITH SOCIAL WORK. (NJ)

VT 103 245

KEMPTON, ROBERT F.  
TEACHING GUIDE FOR STILL  
PHOTOGRAPHIC TECHNICIAN AIDE  
OCCUPATIONS.

NATIONAL EVALUATION SYSTEMS, INC.,  
AMHERST, MASS.  
ILLINOIS STATE OFFICE OF EDUCATION,  
SPRINGFIELD. DEPT. OF ADULT,  
VOCATIONAL AND TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PCB-A6-012  
PUB DATE - ND 135P.;  
RELATED DOCUMENTS VT 103 242  
THROUGH VT 103 246 IN THIS ISSUE.

DESCRIPTORS - \*PHOTOGRAPHY;  
~~\*LABORATORY TECHNOLOGY; \*TECHNICAL~~  
OCCUPATIONS; \*PERFORMANCE BASED  
EDUCATION; \*TEACHING GUIDES; \*TASK  
ANALYSIS; OCCUPATIONAL INFORMATION;  
VOCATIONAL EDUCATION; SECONDARY  
EDUCATION; CURRICULUM DEVELOPMENT  
IDENTIFIERS - \*PHOTOGRAPHIC  
TECHNICIAN AIDE; DICTIONARY OF  
OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS TEACHING GUIDE FOR  
STILL PHOTOGRAPHIC TECHNICIAN AIDE  
IS ONE OF A SERIES OF FIVE

PERFORMANCE-BASED SECONDARY LEVEL  
GUIDES FOR VOCATIONAL EDUCATION.  
PART I PROVIDES TOOLS, RESOURCES,  
AND A PROCESS TO BE USED AT THE  
LOCAL LEVEL TO DEVELOP A STILL  
PHOTOGRAPHIC TECHNICIAN AIDE  
TRAINING CURRICULUM. IT INCLUDES A  
COMPREHENSIVE OVERVIEW OF THE  
CAREER FIELD; A PERFORMANCE-BASED  
LISTING OF JOB TASKS AND RELATED  
LEARNING OBJECTIVES AT THE ENTRY  
LEVEL; A METHOD FOR DEVELOPING  
LEARNING ACTIVITY PACKAGES; TWO  
SAMPLE LEARNING ACTIVITY PACKAGES;  
DESCRIPTIONS OF EIGHT COMMONLY USED  
TEACHING METHODS; AND A LISTING OF  
INSTRUCTIONAL RESOURCES. PART II  
OFFERS THE GUIDANCE COUNSELOR  
CAREER INFORMATION AND RECOMMENDS  
STEPS TO DETERMINE CRITERIA FOR  
STUDENT SELECTION AND PLACEMENT IN  
THE TRAINING PROGRAM. IT INCLUDES A  
THEORETICAL FRAMEWORK FOR GUIDANCE  
ACTIVITIES; A DESCRIPTION OF THE  
GENERAL APTITUDE TEST BATTERY; A  
COMPOSITE PROFILE OF THE ENTRY-  
LEVEL WORKER; A LISTING OF  
INSTRUCTIONAL UNITS OF A WIDELY  
USED REMEDIATION PROGRAM; THE  
"WORKER TRAIT CODIFICATION SYSTEM"  
FROM THE "DICTIONARY OF  
OCCUPATIONAL TITLES"; DESCRIPTIONS  
OF RELATED JOBS; AND JOB TITLES  
ASSOCIATED WITH THE PRINCIPAL  
WORKER TRAIT GROUP IDENTIFIED FOR  
THE ENTRY-LEVEL WORKER. (NJ)

VT 103 246

KEMPTON, ROBERT F.  
TEACHING GUIDE FOR FIRE CADET  
OCCUPATIONS.

NATIONAL EVALUATION SYSTEMS, INC.,  
AMHERST, MASS.  
ILLINOIS STATE OFFICE OF EDUCATION,  
SPRINGFIELD. DEPT. OF ADULT,  
VOCATIONAL AND TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PCB-A6-012  
PUB DATE - ND 149P.;  
RELATED DOCUMENTS VT 103 242  
THROUGH VT 103 246 IN THIS ISSUE.

DESCRIPTORS - \*TEACHING GUIDES;  
\*FIRE FIGHTERS; \*PERFORMANCE BASED  
EDUCATION; \*TASK ANALYSIS;  
\*OCCUPATIONAL INFORMATION;



SECONDARY EDUCATION; VOCATIONAL EDUCATION; CURRICULUM DEVELOPMENT; FIRE SCIENCE EDUCATION IDENTIFIERS - DICTIONARY OF OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS TEACHING GUIDE FOR FIRE CADET OCCUPATIONS IS ONE OF A SERIES OF FIVE PERFORMANCE-BASED SECONDARY LEVEL GUIDES FOR VOCATIONAL EDUCATION. PART I PROVIDES TOOLS, RESOURCES, AND A PROCESS TO BE USED AT THE LOCAL LEVEL TO DEVELOP A FIREFIGHTER CADET TRAINING CURRICULUM. IT INCLUDES A COMPREHENSIVE OVERVIEW OF THE CAREER FIELD; A PERFORMANCE-BASED LISTING OF FIREFIGHTING JOB TASKS; A DESCRIPTION OF THE ATTITUDES AND VALUES INHERENT IN FIREFIGHTING; A METHOD FOR DEVELOPING LEARNING ACTIVITY PACKAGES; TWO SAMPLE LEARNING ACTIVITY PACKAGES; DESCRIPTIONS OF EIGHT COMMONLY USED TEACHING METHODS; AND A LISTING OF INSTRUCTIONAL RESOURCES. PART II OFFERS THE GUIDANCE COUNSELOR CAREER INFORMATION AND RECOMMENDS STEPS TO DETERMINE CRITERIA FOR STUDENT SELECTION AND PLACEMENT IN THE TRAINING PROGRAM. IT INCLUDES A THEORETICAL FRAMEWORK FOR GUIDANCE ACTIVITIES; A DESCRIPTION OF THE GENERAL APTITUDE TEST BATTERY; A COMPOSITE PROFILE OF THE ENTRY-LEVEL WORKER; A LISTING OF THE INSTRUCTIONAL UNITS OF A WIDELY USED REMEDIATION PROGRAM; THE "WORKER TRAIT CODIFICATION SYSTEM" FROM THE "DICTIONARY OF OCCUPATIONAL TITLES"; DESCRIPTIONS OF RELATED JOBS; AND JOB TITLES ASSOCIATED WITH THE PRINCIPAL WORKER-TRAIT GROUP IDENTIFIED FOR THE ENTRY-LEVEL WORKER. (NJ)

VT 103 247

DILLE, JEANE L.; AND OTHERS  
A REVIEW OF VOCATIONAL RESEARCH AND EXEMPLARY PROJECTS CONDUCTED IN OREGON DURING FISCAL YEARS 1970-1975 UNDER THE AUSPICES OF PARTS C AND D OF THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 (P.L. 90-576). A TECHNICAL REPORT.

OREGON STATE UNIV., CORVALLIS.

VOCATIONAL-TECHNICAL EDUCATION UNIT.

OREGON STATE DEPT. OF EDUCATION, SALEM. CAREER AND VOCATIONAL EDUCATION SECTION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - JUN76 87P.; RELATED DOCUMENTS VT 103 389 AND VT 103 248 IN THIS ISSUE.

DESCRIPTORS - \*RESEARCH PROJECTS; \*RESEARCH METHODOLOGY; \*VOCATIONAL EDUCATION; EDUCATIONAL RESEARCH; \*CAREER EDUCATION; \*PROGRAM EVALUATION; POST SECONDARY EDUCATION; ELEMENTARY SECONDARY EDUCATION; \*DEMONSTRATION PROJECTS; DATA COLLECTION; INFORMATION DISSEMINATION  
IDENTIFIERS - \*OREGON

ABSTRACT - THE TECHNICAL REPORT WAS PREPARED TO DOCUMENT THE METHODOLOGY OF A STUDY TO REVIEW THE VOCATIONAL RESEARCH AND EXEMPLARY PROJECTS IN OREGON IN ORDER THAT PROCEDURES MAY BE REPLICATED IN THE FUTURE. THE THREE STAGES OF RESEARCH WERE: (1) DATA COLLECTION OF INFORMATION ON PRACTICES, (2) SELECTION OF PROMISING PRACTICES, AND (3) DISSEMINATION OF INFORMATION ON THOSE PRACTICES DESIGNATED AS PROMISING THROUGH PUBLICATION OF A HANDBOOK. THE REVIEW AND DISSEMINATION PROCEDURES ARE DETAILED UNDER THE HEADINGS: DOCUMENT REVIEW, ON-SITE VISITATION, SELECTION PROCESS, AND COMPILING THE HANDBOOK. FINDINGS OF THE STUDY ARE PRESENTED IN 13 TABLES ACCORDING TO SUCH VARIABLES AS CAREER DEVELOPMENT LEVEL, FISCAL CHARACTERISTICS, CONTRACTING AGENCIES, AND INSTRUCTIONAL LEVEL. THE PROJECT STAFF CONCLUDED THAT MORE PRACTICES WOULD HAVE BEEN DESIGNATED AS "PROMISING" IF MEANS WERE AVAILABLE FOR COMMUNICATING THEM TO OTHERS. RECOMMENDATIONS ARE OFFERED FOR PROPOSAL PREPARATION, PROJECT MANAGEMENT, AND DISSEMINATION, INCLUDING PROCEDURES FOR UPDATING THE HANDBOOK. APPENDIXES INCLUDE A LIST OF REFERENCES, A LIST OF CONSULTANTS,



PROJECT FORMS, SELECTION CRITERIA, FLOW CHARTS OF PROCEDURES, AND CORRESPONDENCE. (RG)

VT 103 248

PROMISING PRACTICES IN OREGON:  
CAREER AND VOCATIONAL EDUCATION.

OREGON STATE UNIV., CORVALLIS.  
VOCATIONAL-TECHNICAL EDUCATION  
UNIT.

OREGON STATE DEPT. OF EDUCATION,  
SALEM. CAREER AND VOCATIONAL  
EDUCATION SECTION.

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ANNOUNCED IN VOL. 10, NO. 2.

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DOCUMENTS VT 103 389 AND VT 103 247  
IN THIS ISSUE.

DESCRIPTORS - \*PROGRAM  
DESCRIPTIONS; EDUCATIONAL RESEARCH;  
\*VOCATIONAL EDUCATION; \*RESEARCH  
PROJECTS; \*DEMONSTRATION PROJECTS;  
CAREER AWARENESS; CAREER  
EXPLORATION; \*CAREER EDUCATION;  
INSTRUCTIONAL MATERIALS; ELEMENTARY  
SECONDARY EDUCATION; POST SECONDARY  
EDUCATION  
IDENTIFIERS - \*OREGON

ABSTRACT - INTENDED TO DISSEMINATE  
INFORMATION ABOUT PRODUCTS AND  
PROCESSES WHICH HAVE AN IMPACT ON  
STUDENT NEEDS, THE HANDBOOK IS A  
COMPILATION OF 40 SELECTED RESEARCH  
AND EXEMPLARY PROJECTS CONDUCTED IN  
OREGON DURING FISCAL YEARS 1970-75.  
EACH PRACTICE WAS SELECTED  
ACCORDING TO THE FOLLOWING  
CRITERIA: (1) IT ADDRESSES A  
SIGNIFICANT PROBLEM IN CAREER  
EDUCATION, (2) IT IS EFFECTIVE IN  
ITS ENVIRONMENT, AND (3) IT IS  
TRANSPORTABLE. THE PRACTICES ARE  
GROUPED UNDER FOUR SECTION  
HEADINGS: CAREER AWARENESS, CAREER  
EXPLORATION, CAREER PREPARATION,  
AND CAREER SPECIALIZATION. FOR EACH  
PRACTICE, THE INFORMATION PRESENTED  
INCLUDES: A BRIEF PROJECT  
DESCRIPTION, MATERIALS DEVELOPED,  
PROJECT BACKGROUND, GROUPS  
INVOLVED, PURPOSE, EMPHASIS, GROUP  
SIZE, ENVIRONMENT, RESOURCES (STAFF  
AND MATERIALS), EVALUATION, AND  
CONTACT PERSON(S). A CROSS  
REFERENCE TITLE INDEX IS PROVIDED

AT THE END OF EACH SECTION FOR  
PRACTICES ENCOMPASSING MORE THAN  
ONE MAIN AREA. A GLOSSARY AND  
SUBJECT INDEX ARE INCLUDED.  
(AUTHOR/RG)

VT 103 249

THOMAS, WILLIE H., COMP.  
AGRICULTURAL EDUCATION:  
INSTRUCTIONAL MATERIALS FROM  
ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION, 1972-1975.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 76 265P.

DESCRIPTORS - \*AGRICULTURAL  
EDUCATION; \*ABSTRACTS;  
\*INSTRUCTIONAL MATERIALS; \*RESOURCE  
GUIDES; \*INDEXES (LOCATORS);  
VOCATIONAL EDUCATION; CAREER  
EDUCATION; VOCATIONAL AGRICULTURE;  
CURRICULUM GUIDES; ELEMENTARY  
SECONDARY EDUCATION; POST SECONDARY  
EDUCATION; TEACHING GUIDES;  
\*ANNOTATED BIBLIOGRAPHIES

ABSTRACT - THE COMPILATION PRESENTS  
OVER 325 RESUMES OF INSTRUCTIONAL  
MATERIALS FOR AGRICULTURAL  
EDUCATION WHICH HAVE APPEARED IN  
"ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION" (AIM/ARM)  
BETWEEN 1972 AND 1975. THE FIRST  
EDITION OF THE SERIES, CONTAINING  
RESUMES FROM 1967 THROUGH 1971, IS  
AVAILABLE IN THE ERIC MICROFICHE  
COLLECTION AS ED 062 571. THE  
RESUMES COVER A BROAD RANGE OF  
FIELDS AND OCCUPATIONS. ARRANGED IN  
ASCENDING ORDER ACCORDING TO AN  
ACCESSION (VT) NUMBER, THE RESUMES  
INCLUDE THE FOLLOWING INFORMATION:  
AUTHOR(S), TITLE, INSTITUTIONAL  
SOURCE, SPONSORING AGENCY,  
AVAILABILITY, PUBLICATION DATE,  
NUMBER OF PAGES, SUBJECT TERMS  
WHICH CHARACTERIZE THE CONTENTS OF  
THE DOCUMENT, AND A DOCUMENT  
ABSTRACT. THE RESUMES ARE INDEXED  
BY AUTHOR AND SUBJECT. A VT-ED

NUMBER CROSS REFERENCE INDEX IS PROVIDED. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM THE ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROXED REPRODUCTIONS. ORDERING INFORMATION FOR AIM/ARM AND EDRS REPRODUCTIONS IS PROVIDED IN THE INTRODUCTORY SECTION. (AUTHOR/RG)

VT 103 250

ETZEL, NAT  
CAREER AWARENESS INSERVICE FOR  
EDUCATORS. FINAL REPORT.

JACKSON COUNTY INTERMEDIATE  
EDUCATION DISTRICT, MEDFORD, OREG.  
OREGON STATE DEPT. OF EDUCATION,  
SALEM. CAREER PROGRAM DEVELOPMENT  
AND EVALUATION UNIT.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
15-000-038  
PUB DATE - 30JUN76 66P.

DESCRIPTORS - \*CAREER AWARENESS;  
\*VIDEO TAPE RECORDINGS; \*INSERVICE  
TEACHER EDUCATION; \*ELEMENTARY  
EDUCATION; \*LEARNING ACTIVITIES;  
CLASS ACTIVITIES

ABSTRACT - THIS PROJECT DEVELOPED  
FOUR 20-MINUTE CAREER AWARENESS  
INSERVICE TAPES AND AN  
INDIVIDUALIZED CURRICULUM TO  
ACCOMPANY EACH TAPE. THE TITLES  
ARE: CAREER EDUCATION IN OREGON,  
WHO AM I?, CAREER GUIDANCE, AND  
CLASSROOM ACTIVITIES IN CAREER  
AWARENESS. INCLUDED IN THE DOCUMENT  
ARE THE FOUR CURRICULUMS, EACH  
CONTAINING TWO SECTIONS. ONE  
SECTION SHOULD BE READ PRIOR TO  
VIEWING THE TAPE; THE SECOND  
CONTAINS ACTIVITIES TO BE PERFORMED  
BY THE STUDENTS. THESE ACTIVITIES  
INVOLVE CONCEPTS OF DECISION  
MAKING, LEARNING STYLES, APTITUDES  
AND INTERESTS, SELF-AWARENESS, ROLE  
PLAYING, AND PERSONALITY TRAITS.  
(AUTHOR)

VT 103 251

CURTIS, ED  
FORESTRY: A CURRICULUM GUIDE.

OKLAHOMA STATE BOARD OF VOCATIONAL  
AND TECHNICAL EDUCATION,  
STILLWATER. CURRICULUM AND  
INSTRUCTIONAL MATERIALS CENTER.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CURRICULUM AND INSTRUCTIONAL  
MATERIALS CENTER, STATE DEPARTMENT  
OF VOCATIONAL AND TECHNICAL  
EDUCATION, 1515 WEST SIXTH AVENUE,  
STILLWATER, OKLAHOMA 74074.  
PUB DATE - 74 425P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
FORESTRY AIDES; \*FORESTRY; \*SENIOR  
HIGH SCHOOLS; UNIT PLAN;  
\*VOCATIONAL AGRICULTURE; BEHAVIORAL  
OBJECTIVES; TESTS; TRANSPARENCIES;  
LEARNING ACTIVITIES; RESOURCE  
MATERIALS  
IDENTIFIERS - \*OKLAHOMA

ABSTRACT - THE CURRICULUM GUIDE WAS  
DEVELOPED TO PREPARE HIGH SCHOOL  
STUDENTS FOR POSITIONS AS FORESTRY  
AIDES OR FOR ENROLLMENT IN HIGHER  
EDUCATION FORESTRY PROGRAMS. IT  
PROVIDES A BASIC CORE OF  
INSTRUCTION IN FORESTRY IN 20  
INSTRUCTIONAL UNITS GROUPED  
ACCORDING TO SIX AREAS:  
ORIENTATION, RELATED INFORMATION,  
FOREST MEASUREMENTS, FOREST ECOLOGY  
AND SIVICULTURE, FOREST PROTECTION,  
AND FOREST MANAGEMENT. EACH  
INSTRUCTIONAL UNIT INCLUDES  
BEHAVIORAL OBJECTIVES, SUGGESTED  
ACTIVITIES FOR TEACHER AND STUDENT,  
INFORMATION SHEETS, TRANSPARENCY  
MASTERS, ASSIGNMENT SHEETS, JOB  
SHEETS, A TEST, AND TEST ANSWERS.  
(AUTHOR)

VT 103 252

CAREER ORIENTATION PROGRAM FOR  
GRADES 7 AND 8. CURRICULUM GUIDE.

OHIO STATE DEPT. OF EDUCATION,  
COLUMBUS. DIV. OF VOCATIONAL  
EDUCATION.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
INSTRUCTIONAL MATERIALS LABORATORY,  
THE OHIO STATE UNIVERSITY, COLLEGE  
OF EDUCATION, COLUMBUS, OHIO 43210.  
PUB DATE - 72 78P.; RELATED  
DOCUMENT VT 103 213 IN THIS ISSUE.

DESCRIPTORS - \*STATE CURRICULUM  
GUIDES; \*CAREER EDUCATION;

\*GUIDELINES; OCCUPATIONAL CLUSTERS;  
 \*LEARNING ACTIVITIES; BEHAVIORAL  
 OBJECTIVES; \*JUNIOR HIGH SCHOOLS;  
 GRADE 7; GRADE 8  
 IDENTIFIERS - OHIO

ABSTRACT - THE CAREER DEVELOPMENT  
 ACTIVITIES IN THE STATE CURRICULUM  
 GUIDE ARE ORGANIZED INTO THREE  
 SECTIONS: THE CONCEPTUAL FOCUS, THE  
 CLUSTER FOCUS, AND THE DISCIPLINE  
 FOCUS. ORIENTING THE STUDENT TO THE  
 WORLD OF WORK THROUGH BASIC  
 CONCEPTS OF WORK, THE CONCEPTUAL  
 FOCUS CONSISTS OF SIX COMPONENTS  
 SUCH AS DECISIONMAKING, EDUCATION  
 AND TRAINING, AND INDIVIDUAL AND  
 ENVIRONMENT. FOR EACH COMPONENT,  
 THE DEVELOPMENTAL OBJECTIVES,  
 PROJECTED BEHAVIORAL OUTCOMES, AND  
 SUGGESTED ACTIVITIES TO OBTAIN  
 THESE OBJECTIVES ARE PRESENTED. THE  
 SECOND SECTION INTRODUCES  
 OCCUPATIONS THROUGH THE MEDIUM OF  
 CAREER CLUSTERS. THE 10 CLUSTERS  
 INCLUDE AGRICULTURE, BUSINESS, AND  
 TRANSPORTATION. EXAMPLES OF RELATED  
 CAREERS, DEVELOPMENTAL OBJECTIVES,  
 AND LEARNING ACTIVITIES ARE  
 PRESENTED FOR EACH CLUSTER. IN THE  
 THIRD SECTION, SPECIFIC OCCUPATIONS  
 ARE MATCHED TO NINE SUBJECT  
 DISCIPLINES. FOR EACH SUBJECT, SUCH  
 AS ART, THE RATIONALE,  
 DEVELOPMENTAL OBJECTIVES, AND  
 ACTIVITIES RELATED TO ONE  
 CORRELATED OCCUPATION ARE GIVEN. AN  
 INTRODUCTORY SECTION PROVIDES  
 GUIDELINES FOR PROGRAM  
 IMPLEMENTATION THROUGH STAFF,  
 COMMUNITY, AND STUDENT INVOLVEMENT;  
 EVALUATION; AND METHODS FOR  
 INTEGRATING CAREER ACTIVITIES  
 WITHIN THE EXISTING CURRICULUM  
 STRUCTURE. (RG)

VT 103 253

STORM, GEORGE  
 MANAGING THE OCCUPATIONAL EDUCATION  
 LABORATORY.

FERRIS STATE COLL., BIG RAPIDS,  
 MICH.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
 WADSWORTH PUBLISHING COMPANY,  
 INCORPORATED, BELMONT, CALIFORNIA  
 94002.

PUB DATE - 76 228P.

DESCRIPTORS - RESOURCE GUIDES;  
 \*VOCATIONAL EDUCATION; \*VOCATIONAL  
 EDUCATION TEACHERS; \*SCHOOL SHOPS;  
 \*LABORATORY TRAINING; \*SCHOOL  
 PLANNING; FACILITY PLANNING;  
 LABORATORY EQUIPMENT; EDUCATIONAL  
 FACILITIES; LABORATORY PROCEDURES;  
 INDUSTRIAL ARTS; TRADE AND  
 INDUSTRIAL EDUCATION; CLASS  
 MANAGEMENT; LABORATORY SAFETY

ABSTRACT - THIS GUIDE FOR  
 OCCUPATIONAL EDUCATORS DEALS WITH  
 LABORATORY AND INSTRUCTIONAL  
 MANAGEMENT ON AN INTERDISCIPLINARY  
 BASIS WITHIN THE BROAD FIELD OF  
 OCCUPATIONAL EDUCATION. THE  
 PRINCIPLES DISCUSSED CAN BE APPLIED  
 AT ALL LEVELS AND IN ALL TYPES OF  
 LABORATORIES. THE TEXT SUGGESTS  
 EFFECTIVE WAYS OF ORGANIZING  
 LABORATORIES SO THAT STUDENTS CAN  
 BEST LEARN OCCUPATIONAL SKILLS. THE  
 BOOK OFFERS GUIDELINES FOR  
 SELECTING INSTRUCTIONAL EQUIPMENT  
 AND MATERIALS, PLANNING THE BUDGET,  
 MEETING DEMANDS FOR ACCOUNTABILITY  
 IN OCCUPATIONAL EDUCATION,  
 DEVELOPING POSITIVE SAFETY  
 ATTITUDES, AND PLANNING NEW  
 FACILITIES. AN INSTRUCTIONAL  
 MANAGEMENT COMPETENCY IS GIVEN AT  
 THE END OF EACH CHAPTER ALONG WITH  
 DISCUSSION QUESTIONS WHICH RELATE  
 CONCEPTS TO ACTUAL TASKS.  
 (AUTHOR/NJ)

VT 103 254

DEVELOPING ARTICULATED HIGH SCHOOL  
 AND POST HIGH SCHOOL VOCATIONAL  
 TECHNICAL CURRICULA IN MINNESOTA.  
 FINAL REPORT.

MINNESOTA RESEARCH COORDINATING  
 UNIT FOR VOCATIONAL EDUCATION,  
 MINNEAPOLIS.

MINNESOTA STATE DEPT. OF EDUCATION,  
 ST. PAUL. DIV. OF VOCATIONAL AND  
 TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 30JUN75 59P.; RELATED  
 DOCUMENT VT 103 212 IN THIS ISSUE.

DESCRIPTORS - \*ARTICULATION  
 (PROGRAM); SECONDARY EDUCATION;  
 POST SECONDARY EDUCATION;



\*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; \*PERFORMANCE BASED EDUCATION; TASK PERFORMANCE; \*JOB ANALYSIS  
IDENTIFIERS - MINNESOTA

ABSTRACT - DESCRIBED IN THE REPORT IS A THREE-YEAR PROJECT TO DEVELOP AND TEST A PROCEDURE TO VERTICALLY ARTICULATE CURRICULUMS IN THE SECONDARY AND POSTSECONDARY VOCATIONAL-TECHNICAL INSTITUTIONS IN MINNESOTA. ACCOMPLISHED DURING THE FIRST TWO YEARS OF THE PROJECT WERE THE DEVELOPMENT OF TASK LISTINGS FOR SELECTED OCCUPATIONS WITHIN THE HOSPITALITY AND GRAPHIC ARTS INDUSTRIES. IN THE THIRD YEAR, A PROCEDURE WAS DEVELOPED INVOLVING THE IDENTIFICATION AND VALIDATION OF MINIMUM TASK-BASED CONTENT FOR OCCUPATIONAL PROGRAMS. THE PROCEDURE WAS APPLIED TO THE AUTO MECHANICS AND CLERICAL SECRETARIAL OCCUPATIONS. A HANDBOOK ADVOCATING COMPETENCY-BASED, PERSONALIZED INSTRUCTION WAS PUBLISHED AND DISSEMINATED TO OVER 550 INSTRUCTORS, COORDINATORS, TEACHER EDUCATORS, AND ADMINISTRATORS. CONTINUED EVALUATION OF THE PROCEDURE AND UTILIZATION OF EXISTING RESOURCES TO ACHIEVE VERTICAL ARTICULATION IN ADDITIONAL PROGRAM AREAS ARE RECOMMENDED. A BIBLIOGRAPHY IS INCLUDED IN THE DOCUMENT. APPENDED IS A GUIDE FOR ARTICULATING VOCATIONAL-TECHNICAL CURRICULUM IN MINNESOTA DESIGNED TO BE USED IN CONJUNCTION WITH THE HANDBOOK. (AUTHOR/RG)

VT 103 255.  
THE DECISION-ORIENTED EVALUATION SYSTEM.

PONTIAC CITY SCHOOL DISTRICT, MICH.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 20P.;  
RELATED DOCUMENTS VT 103 203 AND VT  
103 204 AND VT 103 255 THROUGH VT  
103 258 IN THIS ISSUE.

DESCRIPTORS - \*PROGRAM  
DESCRIPTIONS; \*PROGRAM EVALUATION;

\*CAREER EDUCATION; \*VOCATIONAL  
EDUCATION  
IDENTIFIERS - PONTIAC; MICHIGAN

ABSTRACT - THIS REPORT DESCRIBES A PROJECT TO DETERMINE THE SIGNIFICANCE OF CAREER, VOCATIONAL, AND COOPERATIVE EDUCATION PROGRAMS IN THE PONTIAC, MICHIGAN SCHOOLS AND TO DEVELOP AN EVALUATION SYSTEM INTENDED TO GUIDE VOCATIONAL PROGRAM DECISIONS. IN MEETING THESE GOALS, THE FOLLOWING OBJECTIVES WERE ACCOMPLISHED: (1) THE UNIT COSTS FOR VOCATIONAL AND GENERAL EDUCATION PROGRAMS IN THE SENIOR HIGH SCHOOLS WERE DETERMINED; (2) THE NEEDS OF THE EMPLOYERS IN THE COMMUNITY WITH RESPECT TO EMPLOYEE SKILLS WERE ASSESSED; (3) THE LONG RANGE IMPACT OF THE VOCATIONAL EDUCATION PROGRAM WAS ASSESSED THROUGH A FOLLOWUP QUESTIONNAIRE OF RECENT GRADUATES; (4) THE LEGAL REQUIREMENTS FOR EMPLOYMENT OF MINORS WERE DEFINED AND DESCRIBED IN A MANUAL FOR EMPLOYERS; AND (5) THE LEGAL REQUIREMENTS FOR EMPLOYEES WERE DEFINED AND DESCRIBED IN A MANUAL. REVIEWED IN THIS REPORT ARE THE ACTIVITIES COMPLETED IN MEETING THE OBJECTIVES. THE REPORT ALSO DESCRIBES THE SETTING OF THE STUDY, THE ACHIEVEMENT AND ASPIRATIONS OF THE STUDENTS, AND THE EXISTING VOCATIONAL EDUCATION PROGRAMS. (AUTHOR/NJ)

VT 103 256  
PONDER, MICHAEL  
DID SCHOOL HELP ME GO TO WORK?  
EXPERIENCES OF 1972 GRADUATES.

PONTIAC CITY SCHOOL DISTRICT, MICH.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 194P.;  
RELATED DOCUMENTS VT 103 203 AND VT  
103 204 AND VT 103 255 THROUGH VT  
103 258 IN THIS ISSUE.

DESCRIPTORS - \*WORK EXPERIENCE  
PROGRAMS; \*GRADUATE SURVEYS;  
\*PROGRAM DESCRIPTIONS; \*COMPARATIVE  
ANALYSIS; STATISTICAL ANALYSIS;



TABLES (DATA); \*VOCATIONAL FOLLOWUP; VOCATIONAL ADJUSTMENT; JOB SATISFACTION; SUCCESS FACTORS; VOCATIONAL EDUCATION; WORK ATTITUDES  
IDENTIFIERS - PONTIAC; MICHIGAN

ABSTRACT - THIS STUDY SOUGHT TO DETERMINE WHETHER VOCATIONAL TRAINING AND PARTICULARLY PARTICIPATION IN THE PONTIAC SCHOOLS WORK EXPERIENCE PROGRAM (WEP) MADE A DIFFERENCE IN THE WORK HISTORY, JOB SATISFACTION, WAGE LEVEL, AND JOB SECURITY OF HIGH SCHOOL GRADUATES. DATA WERE COLLECTED VIA MAILED QUESTIONNAIRE FROM A STRATIFIED SAMPLE OF 1972 WEP GRADUATES IN FOUR AREAS AND FROM NON-WORK EXPERIENCE GRADUATES. THE REPORT INCLUDES A DESCRIPTION OF THE 1972 GRADUATES, THEIR VOCATIONAL BACKGROUNDS, THEIR WORK HISTORY, AND THEIR WORK EXPERIENCE BEFORE AND AFTER GRADUATION. SURVEY DATA FROM THE 198 RESPONDENTS ARE PRESENTED AS SELECTED OUTCOMES OF THE WEP EFFECTS ACCORDING TO THE VARIABLES OF JOB PREPARATION BACKGROUND, SEX, AND RACE. THE OVERALL CONCLUSION WAS THAT GRADUATES WITH BOTH WORK EXPERIENCE AND VOCATIONAL COURSE WORK CONSISTENTLY DO BETTER THAN THOSE WITH ONLY WORK EXPERIENCE. WORK EXPERIENCE GRADUATES ARE WORK-ORIENTED, ABLE TO OBTAIN JOBS THEY LIKE FAIRLY EASILY, EARN ADEQUATE INCOMES, AND HAVE SECURE JOBS. APPENDIXES CONSIST OF A DETAILED DESCRIPTION OF THE GRADUATE POPULATION AND SAMPLE SELECTION PROCESS, SAMPLE DATA COLLECTION FORMS, AND DATA REDUCTION CODEBOOKS FOR SELECTED ITEMS. (NJ)

VT 103 257

SLAWSKI, EDWARD; PACKARD, STUART  
DO SCHOOLS PREPARE GOOD WORKERS?  
VIEWS OF EMPLOYERS.

PONTIAC CITY SCHOOL DISTRICT, MICH.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - NO 121P.;  
RELATED DOCUMENTS VT 103 203 AND VT

103 204 AND VT 103 255 THROUGH VT 103 258 IN THIS ISSUE.

DESCRIPTORS - \*EMPLOYER ATTITUDES; \*SURVEYS; \*SCHOOL INDUSTRY RELATIONSHIP; \*WORK EXPERIENCE PROGRAMS; COOPERATIVE PROGRAMS; VOCATIONAL EDUCATION; PROGRAM DESCRIPTIONS; PROGRAM EVALUATION; TABLES (DATA)  
IDENTIFIERS - PONTIAC; MICHIGAN

ABSTRACT - EMPLOYERS IN THE AREA OF PONTIAC, MICHIGAN WERE SURVEYED TO DETERMINE THEIR ATTITUDES TOWARD THE VOCATIONAL AND WORK EXPERIENCE PROGRAMS IN THE PONTIAC SCHOOLS. DATA WERE COLLECTED BY MAILED QUESTIONNAIRES SUPPLEMENTED BY PERSONAL INTERVIEWS. CHAPTER I DESCRIBES THE RESEARCH METHODOLOGY AND THE CHARACTERISTICS OF THE 101 RESPONDING EMPLOYERS. CHAPTER II PRESENTS EMPLOYER RATINGS OF PONTIAC GRADUATES ON INTERPERSONAL SKILLS, COMMUNICATION SKILLS, WORK HABITS, WORK ATTITUDES, DECISIONMAKING, THE THREE R'S, AND SPECIFIC JOB SKILLS. ALTHOUGH MOST EMPLOYERS SAW FORMER STUDENTS AS ABOUT AVERAGE IN PERFORMANCE AND WERE FAVORABLE OVERALL TO THE GRADUATES, FEW WERE WILLING TO OFFER STRONG ENDORSEMENTS. CHAPTER III OUTLINES EVALUATIONS OF SPECIFIC PROGRAMS BY THE EMPLOYERS INVOLVED. IN CHAPTER IV EMPLOYER INTERVIEWS PROVIDE INFORMATION PERTAINING TO WHAT EMPLOYERS PERCEIVED AS IMPORTANT WORKER QUALITIES, THE SCHOOL'S ROLE IN DEVELOPING THESE QUALITIES, AND SUGGESTIONS ABOUT METHODS THE SCHOOLS MIGHT USE. RESPONSES INDICATED STRONG SUPPORT FOR COOPERATIVE PROGRAMS AND A WILLINGNESS TO TAKE PART IN PROGRAM PLANNING AND DEVELOPMENT. APPENDIXES (52 PAGES) CONTAIN PROJECT-RELATED CORRESPONDENCE, SURVEY INSTRUMENTS, AND TABLES DISPLAYING EMPLOYERS' RESPONSES. (NJ)

VT 103 258

ROSENTHAL, JEAN; JOYCE, RONALD  
A COST-EFFECTIVE VIEW OF VOCATIONAL EDUCATIONAL PROGRAMS.

PONTIAC CITY SCHOOL DISTRICT, MICH.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 114P.;  
RELATED DOCUMENTS VT 103 203 AND VT  
103 204 AND VT 103 255 THROUGH VT  
103 258 IN THIS ISSUE.

DESCRIPTORS - \*COST EFFECTIVENESS;  
\*VOCATIONAL EDUCATION; \*PROGRAM  
COSTS; \*PROGRAM EVALUATION  
IDENTIFIERS - PONTIAC; MICHIGAN

ABSTRACT - THIS COST EFFECTIVENESS  
STUDY WAS PART OF A PROJECT TO  
EVALUATE VOCATIONAL EDUCATION  
PROGRAMS IN THE PONTIAC, MICHIGAN  
SCHOOLS. IT WAS DESIGNED TO  
DETERMINE PROGRAM COSTS PER STUDENT  
AND TO COMPARE THESE COSTS BY  
FUNCTION ANALYSIS. THE STUDY  
DETERMINED THE COST PER ACADEMIC  
CREDIT FOR FACILITIES, EQUIPMENT,  
AND INSTRUCTION AND COMPARED THEM  
TO THE PER CREDIT COSTS OF  
NONVOCATIONAL PROGRAMS. THE  
GENERALIZED INFORMATION SYSTEM  
PROCEDURE, ALONG WITH RECORDS  
MAINTAINED BY DIRECTORS OF  
VOCATIONAL EDUCATION, SECONDARY  
EDUCATION, PERSONNEL, AND FINANCE,  
PROVIDED THE COST AND ENROLLMENT  
DATA FOR THIS REPORT. COSTS WERE  
COLLECTED BY FUNCTION CATEGORY,  
STUDENT ENROLLMENTS PER CLASS  
PROGRAM WERE IDENTIFIED, AND  
COMPUTATIONS WERE COMPLETED ON THE  
BASIS OF ANNUAL COSTS OF ONE-HALF  
CREDIT PER ENROLLEE. EDUCATIONAL  
COSTS ARE PRESENTED FOR THE  
FOLLOWING SIX FUNCTIONS: BUILDING  
COST OF THE ROOM, UTILITIES,  
MAINTENANCE, EQUIPMENT AND  
FURNISHINGS, CONSUMABLE SUPPLIES,  
AND SALARY. TABLES FOR ALL OF THESE  
DATA FOR THE TWO SCHOOLS IN THE  
DISTRICT PROVIDE DETAILED PROGRAM  
ANALYSIS COSTS. (NJ)

VT 103 259  
CURRICULUM DEVELOPMENT BASIC TO THE  
TRAINING OF INDIVIDUALS FOR  
EMPLOYMENT IN AGRIBUSINESS, NATURAL  
RESOURCES, AND ENVIRONMENTAL  
PROTECTION. FINAL REPORT. VOLUME 1.

OHIO STATE UNIV., COLUMBUS. OHIO  
CAREER EDUCATION AND CURRICULUM  
MANAGEMENT LAB. IN AGRICULTURAL  
EDUCATION.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-72-4677

PUB DATE - 14JUN76 58P.; RELATED  
DOCUMENTS VT 103 205 AND VT 103 206  
AND VT 103 259 THROUGH VT 103 261  
IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM  
DEVELOPMENT; \*PROGRAM DESCRIPTIONS;  
CURRICULUM EVALUATION; ELEMENTARY  
SECONDARY EDUCATION; \*AGRIBUSINESS;  
CONSERVATION (ENVIRONMENT); NATURAL  
RESOURCES; \*CAREER EDUCATION;  
\*VOCATIONAL EDUCATION

ABSTRACT - DESCRIBED IN THE REPORT  
IS A TWO-PHASE PROJECT DESIGNED TO:  
(1) PROVIDE CURRICULUM GUIDELINES  
IN AGRIBUSINESS, NATURAL RESOURCES,  
AND ENVIRONMENTAL PROTECTION FOR  
CLASSROOM TEACHERS AND OTHERS TO  
FACILITATE THE PROCESS OF CAREER  
EDUCATION AT K-12 LEVELS, AND (2)  
PROVIDE EVALUATION INFORMATION  
CONCERNING THE CURRICULUM GUIDES BY  
NATIONWIDE FIELD TESTING. THE  
PROCEDURES IN PHASE ONE INVOLVED  
FOUR MAJOR TASK AREAS: (1) THE  
IDENTIFICATION OF 400 SPECIFIC  
OCCUPATIONS CONSIDERED RELEVANT FOR  
PROVIDING A BASIS FOR CURRICULUM  
DEVELOPMENT, (2) A REVIEW OF THE  
STATE OF THE ART OF CURRICULUM  
DEVELOPMENT IN THESE OCCUPATIONAL  
AREAS, (3) THE DEVELOPMENT AND  
FORMATIVE EVALUATION OF 10  
CURRICULUM GUIDES, AND (4) THE  
INITIAL DISSEMINATION OF THE GUIDES  
TO THE 50 STATES. FIELD TESTING OF  
THE GUIDES INCLUDED A MONITORING OF  
TEACHER REACTIONS TO THE ADEQUACY  
AND USEFULNESS OF THE GUIDES, AND  
AN ASSESSMENT OF STUDENT  
ACHIEVEMENT IN CLASSES WHOSE  
TEACHERS DID OR DID NOT USE THE  
GUIDES. DISSEMINATION ACTIVITIES  
VARIED WIDELY AMONG THE STATES,  
WITH GREATER EFFORT MADE TO  
DISSEMINATE THE EIGHT HIGH SCHOOL  
LEVEL CAREER PREPARATION GUIDES.

RESPONSES FROM THE 35 K-9 TEACHERS WERE GENERALLY FAVORABLE, AND REACTIONS OF THE 137 VOCATIONAL EDUCATION TEACHERS TOWARDS THE CAREER PREPARATION GUIDES WAS VERY POSITIVE. SPECIFIC CONCLUSIONS AND RECOMMENDATIONS, ALONG WITH A BIBLIOGRAPHY, ARE INCLUDED IN THE REPORT. (RG)

#### VT 103 260

CURRICULUM DEVELOPMENT BASIC TO THE TRAINING OF INDIVIDUALS FOR EMPLOYMENT IN AGRIBUSINESS, NATURAL RESOURCES, AND ENVIRONMENTAL PROTECTION. FINAL REPORT. VOLUME TWO. APPENDIX A.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

DEG-0-72-4677

PUB DATE - 14JUN76 207P.;

RELATED DOCUMENTS VT 103 205 AND VT 103 206 AND VT 103 259 THROUGH VT 103 261 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM DEVELOPMENT; \*PROGRAM DESCRIPTIONS; CURRICULUM EVALUATION; CONFERENCES; \*STATE OF THE ART REVIEWS; JOB ANALYSIS; CAREER AWARENESS; CAREER EXPLORATION; \*CAREER EDUCATION; \*AGRIBUSINESS; CONSERVATION (ENVIRONMENT); NATURAL RESOURCES; ELEMENTARY SECONDARY EDUCATION; VOCATIONAL EDUCATION

ABSTRACT - VOLUME II OF THE REPORT ON CURRICULUM DEVELOPMENT FOR AGRICULTURAL OCCUPATIONS CONTAINS APPENDED MATERIALS RELATING TO THE CURRICULUM GUIDE DEVELOPMENT PHASE OF THE PROJECT. THESE INCLUDE THE FOLLOWING: DEFINITION OF AGRIBUSINESS COMPETENCIES; A LISTING OF OCCUPATIONAL ADVISORY COMMITTEE MEMBERS; RATING FORMS SHOWING THE LEVEL OF EDUCATION APPROPRIATE FOR JOB PREPARATION IN THE OCCUPATIONS COVERED BY THE GUIDES; A COMPLETE LISTING OF THE 526 DOCUMENTS REVIEWED, BY PROGRAM

AREAS, AND SUMMARY RESULTS OF THE DOCUMENT REVIEW CONDUCTED TO DETERMINE THE STATE OF THE ART OF EXISTING GUIDES AND TO IDENTIFY ELEMENTS FOR INCLUSION IN THE PROJECT-DEVELOPED GUIDES; A FINAL REPORT DETAILING THE DEVELOPMENT AND EVALUATION OF THE TWO GUIDES ON CAREER AWARENESS AND CAREER EXPLORATION WHICH WERE PREPARED BY EASTERN ILLINOIS UNIVERSITY FOR GRADES K-6 AND 7-9; A LISTING OF THE 104 CONFERENCE PARTICIPANTS REPRESENTING 48 STATES AT THE NATIONAL CONFERENCE HELD IN MAY 1974 FOR THE PURPOSE OF DISSEMINATING THE GUIDES; AND THE CONFERENCE AGENDA. (RG)

#### VT 103 261

CURRICULUM DEVELOPMENT BASIC TO THE TRAINING OF INDIVIDUALS FOR EMPLOYMENT IN AGRIBUSINESS, NATURAL RESOURCES, AND ENVIRONMENTAL PROTECTION. FINAL REPORT. VOLUME THREE. APPENDIX B.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

DEG-0-72-4677

PUB DATE - 14JUN76 178P.;

RELATED DOCUMENTS VT 103 205 AND VT 103 206 AND VT 103 259 THROUGH VT 103 261 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM DEVELOPMENT; \*CAREER EDUCATION; ELEMENTARY SECONDARY EDUCATION; \*CURRICULUM EVALUATION; QUESTIONNAIRES; \*AGRIBUSINESS; NATURAL RESOURCES; CONSERVATION (ENVIRONMENT); \*VOCATIONAL EDUCATION

ABSTRACT - VOLUME III OF THE REPORT ON CURRICULUM DEVELOPMENT FOR AGRICULTURAL EDUCATION CONTAINS APPENDED MATERIALS RELATING TO THE FIELD TEST PHASE OF THE PROJECT. INCLUDED ARE ALL OF THE CORRESPONDENCE, FORMS, QUESTIONNAIRES, NAMES OF



PARTICIPATING TEACHERS, AND RESULTS OF THE FIELD TESTING. THE FIRST COMPONENT OF THE FIELD TEST WAS A MONITORING OF THE POLICIES AND PROCEDURES USED BY PERSONNEL IN THE VARIOUS STATES IN DISSEMINATING THE GUIDES. CONTAINED IN THIS APPENDIX ARE THE INFORMATION FORM FOR CONFERENCE PARTICIPANTS TO INDICATE THEIR TENTATIVE PLANS FOR GUIDE DISSEMINATION, CORRESPONDENCE, AND THE FOLLOWUP SURVEY INSTRUMENT. ALSO INCLUDED ARE THE FOLLOWING: THE CORRESPONDENCE AND INFORMATION FORMS TO OBTAIN NAMES OF PROSPECTIVE TEACHERS TO PARTICIPATE IN THE FIELD TEST, THE INSTRUMENT USED TO OBTAIN TEACHER REACTIONS TO THE CURRICULUM GUIDES, RESULTS OF AN ITEM ANALYSIS USED TO DETERMINE THE RELIABILITY OF EACH SECTION OF THE INSTRUMENT, CORRESPONDENCE WITH TEACHERS CONCERNING ALL ASPECTS OF THE FIELD TEST, RESULTS OF THE TEACHER EVALUATION, AND COMPARISON OF THE RESULTS OF STUDENT PRETEST AND POSTTEST SCORES. (RG)

#### VT 103 262

A FEASIBILITY STUDY FOR VOCATIONAL-TECHNICAL EDUCATION FOR THE CONCHO VALLEY AREA OF TEXAS.

ANGELO STATE COLL., SAN ANGELO, TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 30JUN75 112P.

DESCRIPTORS - \*FEASIBILITY STUDIES;  
\*VOCATIONAL EDUCATION; \*POST SECONDARY EDUCATION; \*NEEDS ASSESSMENT; PROGRAM DESCRIPTIONS; SURVEYS; EDUCATIONAL NEEDS; MANPOWER NEEDS; \*ADULT VOCATIONAL EDUCATION  
IDENTIFIERS - CONCHO VALLEY; TEXAS

ABSTRACT - THE PURPOSE OF THIS STUDY WAS TO PROVIDE ANGELO STATE UNIVERSITY WITH INFORMATION CONCERNING THE POSTSECONDARY, VOCATIONAL-TECHNICAL EDUCATION NEEDS, RESOURCES, AND POTENTIALS OF THE CONCHO VALLEY REGION OF WEST

TEXAS AND TO ASSESS THE FEASIBILITY OF COOPERATIVELY SERVICING THESE NEEDS. A LITERATURE REVIEW, PROJECT OVERVIEW, AND PROGRAM GOALS AND OBJECTIVES ARE PRESENTED AS AN INTRODUCTION. IN DESCRIBING PROCEDURES AND METHODOLOGY, THE ACTIVITIES ARE DETAILED UNDER THE ORGANIZATIONAL HEADINGS OF (1) ORGANIZATION, (2) SURVEY PROCEDURES AND INSTRUMENT DEVELOPMENT, AND (3) DATA PROCESSING AND ANALYSIS. THE FINDINGS ARE ORGANIZED INTO THE THREE DIVISIONS OF EDUCATIONAL NEEDS AND INTERESTS, OCCUPATIONAL NEEDS, AND EDUCATIONAL RESOURCES. EACH REPORT DIVISION CORRESPONDS WITH A MAJOR AREA OF INVESTIGATION AND CONTAINS A SUMMARY OF THE PRIMARY FINDINGS IN THAT SURVEY AREA. THE REPORT SUMMARIZES INTEREST EXPRESSED BY ADULTS REGARDING THE INDIVIDUAL CATEGORIES OF POSTSECONDARY EDUCATION, VOCATIONAL-TECHNICAL TRAINING AND EDUCATION, COLLEGE CREDIT PROGRAMS, AND INFORMAL ADULT AND CONTINUING EDUCATION. MAJOR CONCLUSIONS ARE REPORTED IN THE ORDER OF THEIR GENERAL IMPORTANCE TO THE PURPOSE OF THE STUDY. APPENDIXES (56 PAGES) PROVIDE INFORMATION PERTAINING TO THE THREE SURVEYS--THE EDUCATIONAL NEEDS AND INTEREST SURVEYS FOR SAN ANGELO AND FOR THE COUNTIES AND THE OCCUPATIONAL NEEDS SURVEY--AND ADDITIONAL DETAILS OF THE FINDINGS. (NJ)

#### VT 103 263

"CAREER EDUCATION" JUNIOR HIGH SCHOOL STYLE. FINAL REPORT.

ALPINE SCHOOL DISTRICT, AMERICAN FORK, UTAH.  
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
OEG-0-73-2916  
PUB DATE - 31DEC74 23P.; RELATED DOCUMENT VT 103 264 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*JUNIOR HIGH SCHOOLS; \*PROGRAM DESCRIPTIONS; CURRICULUM DEVELOPMENT



**ABSTRACT - COVERING THE TIME PERIOD OF MAY 1973 TO DECEMBER 1974, THE PROJECT DESCRIBED IN THIS REPORT DEVELOPED A DISTRICT-WIDE CAREER EDUCATION PROGRAM FOR THE JUNIOR HIGH SCHOOLS OF THE ALPINE SCHOOL DISTRICT, AMERICAN FORK, UTAH. THE OBJECTIVES WERE TO PROVIDE EVERY STUDENT WITH OPPORTUNITIES TO LEARN ABOUT AND EXPERIENCE CAREER EDUCATION CONCEPTS, TO DEVELOP A CAREER PORTFOLIO, AND HAVE A CAREER-ORIENTED INTERVIEW WITH THEIR PARENTS AND A SCHOOL COUNSELOR. ALL SEVENTH GRADE STUDENTS PARTICIPATED ON A SEMESTER CAREER EDUCATION COURSE AND ALL EIGHTH AND NINTH GRADE STUDENTS COMPLETED A MINICOURSE ON CAREER EDUCATION. CURRICULUM MATERIALS WERE DEVELOPED AND REVISED DURING TWO SUMMER WORKSHOPS. INSERVICE ACTIVITIES TOOK PLACE DURING THE SCHOOL YEAR AT BOTH THE DISTRICT AND SCHOOL LEVELS. THE PROBLEM AREA IS DEFINED; GOALS AND OBJECTIVES ARE ENUMERATED; AND PROCEDURES, RESULTS, AND ACCOMPLISHMENTS ARE SUMMARIZED IN THE REPORT. CHARTS ILLUSTRATE THE PROJECT ORGANIZATION, THE STUDENT PORTFOLIO DESIGN, STUDENT FLOWCHART, AND EVALUATION CONTRACT. (NJ)**

**VT 103 264**

**ALLRED, WALLACE; HOLDER, LYAL. A SECOND EVALUATION OF THE ALPINE CAREER ORIENTATION PROJECT. FINAL REPORT.**

**BRINGHAM YOUNG UNIV., PROVO, UTAH. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - SEP74 41P.; RELATED DOCUMENT VT 103 263 IN THIS ISSUE.**

**DESCRIPTORS - \*CAREER EDUCATION; \*JUNIOR HIGH SCHOOLS; \*PROGRAM EVALUATION; STUDENT TESTING**

**ABSTRACT - THE THIRD PARTY EVALUATION OF THE ALPINE CAREER ORIENTATION PROJECT, THIS REPORT PRESENTS THE RESULTS OF TESTS DESIGNED TO MEASURE STUDENT LEARNING OUTCOMES AND THE RESULTS OF AN ANALYSIS OF A RANDOM SAMPLING**

**OF PORTFOLIOS KEPT BY STUDENTS DURING THE COURSE OF THE PROJECT. THE PORTFOLIOS CONSISTED OF STUDENT RECORDS OF CAREER-ORIENTED PROJECTS SUCH AS CAREER INTERVIEWS WITH PARENTS AND COUNSELORS AND OTHER CAREER-RELATED ACTIVITIES. SINCE PROJECT OBJECTIVES RELATING TO THE PORTFOLIOS PRIMARILY SPECIFIED QUANTITY, MOST VALIDATION DATA WERE GATHERED AND REPORTED BY FREQUENCY COUNT, ALTHOUGH A QUALITY CHECK WAS MADE WHENEVER POSSIBLE. THE SECOND PORTION OF THE REPORT SUMMARIZES TEST AND QUESTIONNAIRE DATA FROM THREE EXPERIMENTAL AND TWO CONTROL STUDENT GROUPS. THE INSTRUMENTS AND EVALUATION PROCEDURES ARE DESCRIBED AND THE RESULTS ARE PRESENTED IN NARRATIVE AND TABULAR FORM. (NJ)**

**VT 103 265**

**RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. FINAL REPORT.**

**CLEMSON UNIV., S.C.. VOCATIONAL EDUCATION MEDIA CENTER.; SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.**

**BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. OEG-0-73-2999**

**PUB DATE - NOV74 308P.**

**DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; DEVELOPMENTAL PROGRAMS; ELEMENTARY SECONDARY EDUCATION; \*PROGRAM EVALUATION; STATEWIDE PLANNING; \*PILOT PROJECTS; \*STATE PROGRAMS IDENTIFIERS - SOUTH CAROLINA**

**ABSTRACT - PRESENTING A DESCRIPTION OF CAREER EDUCATION ACTIVITIES IN THE STATE OF SOUTH CAROLINA, THE DOCUMENT CONTAINS SEVERAL SEPARATE REPORTS WHICH ARE ORGANIZED INTO FOUR MAJOR SECTIONS. SECTION I CONTAINS A SUMMARY ACCOUNT OF THE ADMINISTRATIVE AND TECHNICAL ACTIVITIES ACCOMPLISHED BY THE SOUTH CAROLINA DEPARTMENT OF EDUCATION CAREER EDUCATION OFFICE AND OF THE TWO RESEARCH AND**

DEVELOPMENT PROJECTS IN CAREER EDUCATION. INCLUDED IN THE APPENDED MATERIALS ARE TWO ANNUAL EVALUATION REPORTS OF THE PROJECTS BY IBEX, INC. THE FIRST IS FOR LEXINGTON SCHOOL DISTRICT THREE, BATESBURG-LEESVILLE; AND THE SECOND FOR SPARTANBURG SCHOOL DISTRICT FIVE, DUNCAN. BOTH REPORTS ARE SIMILAR IN FORMAT AND INCLUDE RESULTS OF STUDENT PRETESTS AND POSTTESTS AS AN INDICATOR OF PROGRAM EFFECTIVENESS. SECTION II OF THE DOCUMENT IS A BRIEF ACCOUNT OF THE ACTIVITIES OF THE STATE CAREER EDUCATION OFFICE. SECTIONS III AND IV ARE DETAILED DESCRIPTIONS OF THE PILOT PROJECTS IN EACH OF THE TWO SCHOOL DISTRICTS. THEY WERE PREPARED TO ASSIST LOCAL DISTRICT PERSONNEL IN THE PLANNING, MANAGEMENT, AND ADMINISTRATION OF A SUCCESSFUL CAREER EDUCATION PROGRAM, EMPHASIZING THE IDENTIFICATION OF PRACTICAL WAYS OF IMPLEMENTING CAREER EDUCATION CONCEPTS. THE REPORTS EACH CONCLUDE WITH SPECIFIC RECOMMENDATIONS FOR SIMILAR PROJECTS. (AUTHOR/RG)

VT 103 266

CALIFORNIA CAREER EDUCATION RESEARCH AND DEVELOPMENT PROJECT. FINAL REPORT.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. CAREER EDUCATION TASK FORCE.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-73-2921

PUB DATE - MAY75 280P.

DESCRIPTORS - \*CAREER EDUCATION; ELEMENTARY SECONDARY EDUCATION; INSERVICE TEACHER EDUCATION; CURRICULUM DEVELOPMENT; DEMONSTRATION PROGRAMS; \*PROGRAM DESCRIPTIONS; \*PROGRAM EVALUATION; SCHOOL DISTRICTS  
IDENTIFIERS - \*CALIFORNIA; LOCAL EDUCATION AGENCIES; LEAS

ABSTRACT - FOR THE 1973-74 SCHOOL YEAR THE CALIFORNIA CAREER EDUCATION TASK FORCE DECIDED THAT

EXPANDED ACTIVITIES WOULD BE MORE EFFICIENTLY DEVELOPED AT SIX PREVIOUSLY FUNDED SITES, PLUS TWO ADDED AREAS. SINCE THE EIGHT PROJECT SITES DIFFERED IN GEOGRAPHIC LOCATION, SOCIOECONOMIC LEVEL, SIZE, ETHNIC COMPOSITION, AND SCHOOL ORGANIZATIONAL PATTERN, A WIDE RANGE OF PROMISING CAREER EDUCATION PRACTICES EVOLVED THAT MAY BE USEFUL IN OTHER COMMUNITIES AND EDUCATIONAL SETTINGS. THE PROGRAMS IN THE EIGHT DIFFERENT SITES ARE DESCRIBED INDIVIDUALLY IN DETAIL. OF THE 800 CURRICULUM PRODUCTS DEVELOPED, MORE THAN 500 WERE VALIDATED FOR USE BY NONPROJECT SITES. SMALL SCHOOL DISTRICTS AND THE SECONDARY EDUCATION LEVEL EXPERIENCED MOST DIFFICULTY IN IMPLEMENTATION. ADMINISTRATIVE, GUIDANCE, AND INSTRUCTIONAL IMPLICATIONS DERIVED FROM THE PROJECT BY THE TASK FORCE ARE OUTLINED. APPENDIXES INCLUDE A CONSORTIUM IMPLEMENTATION DESIGN FOR THE 1974-75 SCHOOL YEAR IN THE CAMINO UNION ELEMENTARY SCHOOL DISTRICT; FINDINGS AND INSTRUMENTS FROM THE LOS ANGELES UNIFIED SCHOOL DISTRICT; PROJECT EVALUATIONS BY TEACHERS AT SACRAMENTO CITY AND BY STUDENTS AND TEACHERS IN SAN DIEGO COUNTY; AND THE FINAL EVALUATION REPORT BY THE EDUCATIONAL TESTING SERVICE. (MF)

VT 103 267

KIMBALL OCCUPATIONAL EDUCATION PROJECT. FINAL REPORT.

NEBRASKA STATE DEPT. OF EDUCATION, LINCOLN.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-73-2977

PUB DATE - 30SEP74 85P.

DESCRIPTORS - \*RURAL SCHOOL SYSTEMS; \*CAREER EDUCATION; ELEMENTARY SECONDARY EDUCATION; DEVELOPMENTAL PROGRAMS; \*PROGRAM DESCRIPTIONS; PROGRAM EVALUATION; INTEGRATED CURRICULUM; CAREER AWARENESS; CAREER EXPLORATION;

COOPERATIVE EDUCATION; JOB  
PLACEMENT; \*OCCUPATIONAL GUIDANCE;  
INSERVICE TEACHER EDUCATION  
IDENTIFIERS - \*NEBRASKA

WASHINGTON, D.C.; IOWA STATE DEPT.  
OF PUBLIC INSTRUCTION, DES MOINES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - DEC75 147P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*EDUCATIONAL NEEDS; \*VOCATIONAL  
INTERESTS; SCHOOL SURVEYS;  
COMMUNITY SURVEYS; WORK ATTITUDES;  
CAREER CHOICE; MANPOWER NEEDS;  
SCHOOL DISTRICTS; ELEMENTARY  
SECONDARY EDUCATION; TABLES (DATA)  
IDENTIFIERS - IOWA MERGED AREA 16

ABSTRACT - THE REPORT DESCRIBES A  
SCHOOL-BASED CAREER EDUCATION MODEL  
FOR THE TYPICAL RURAL SCHOOL SYSTEM  
IN THE STATE OF NEBRASKA, AS  
IMPLEMENTED IN THE KIMBALL PUBLIC  
SCHOOLS FROM JUNE 4, 1973 TO  
SEPTEMBER 30, 1974. THE ELEMENTARY  
COMPONENT STRUCTURED THE K-6  
CURRICULUM AROUND THE THEME OF  
CAREER OPPORTUNITIES AND  
REQUIREMENTS WITH INTEGRATED  
CURRICULUM MATERIALS. THE  
EXPLORATION COMPONENT PROVIDED  
STUDENTS IN GRADES 7-9 WITH  
OCCUPATIONAL EXPLORATION LEARNING  
MATERIALS. IN GRADES 11-12 THE  
COOPERATIVE EDUCATION PROGRAM WAS  
EXPANDED TO PLACE ALL STUDENTS  
DESIRING WORK ON JOBS AND TO ASSIST  
DROPOUTS WITH JOB PLACEMENT. AN  
INTENSIVE JOB TRAINING COMPONENT  
WAS PROVIDED FOR GRADE 10-ADULT TO  
PRODUCE ENTRY-LEVEL JOB SKILLS, AND  
THE GUIDANCE AND COUNSELING  
COMPONENT PROVIDED OCCUPATIONAL  
SERVICES FOR GRADES K-ADULT AND  
CITIZENS OF THE COMMUNITY.  
INSERVICE WORKSHOPS GAVE TEACHERS  
INFORMATION ABOUT INTEGRATING  
CAREER-EDUCATION-INSTRUCTION INTO  
THE CURRICULUM. MOST OF THE REPORT  
CONSISTS OF APPENDED MATERIALS  
DEVELOPED IN OR FOR THE PROJECT,  
INCLUDING SOME WORKSHOP PAGES,  
PRETEST QUESTIONNAIRE FORMS FOR ALL  
GRADES, AND THE THIRD-PARTY  
EVALUATION. THE EVALUATION RATED  
THE GUIDANCE AND COUNSELING PROGRAM  
HIGHLY, AND THE ELEMENTARY AND  
JUNIOR HIGH COMPONENTS HIGHER THAN  
THE SENIOR PROGRAM. THE POSSIBILITY  
OF ANY POSTSECONDARY AREA IN THE  
PROJECT WAS CONSIDERED QUITE LOW.  
(MF)

ABSTRACT - A STUDY TO DETERMINE THE  
CAREER EDUCATION NEEDS AND  
INTERESTS IN IOWA MERGED AREA 16 IS  
REPORTED FOR THE CALENDAR YEAR  
1975. CAREER INTERESTS WERE SAMPLED  
IN 17 SCHOOL DISTRICTS INVOLVING  
STUDENTS, TEACHERS, ADMINISTRATORS,  
AND PARENTS. CAREER NEEDS WERE  
DETERMINED FROM INTERVIEWS AND  
QUESTIONNAIRES WITH INDUSTRY,  
FAMILIES, SCHOOL ADMINISTRATORS,  
AND TEACHERS. RESULTS INDICATE THAT  
STUDENT INTERESTS GENERALLY  
REFLECTED A FAVORABLE ATTITUDE  
TOWARD WORK AND CAREERS. HOWEVER,  
CAREER INTERESTS WERE FREQUENTLY  
EXPRESSED IN AREAS FOR WHICH THERE  
WERE NO EMPLOYMENT NEEDS (FOR  
EXAMPLE, CONSERVATION AND  
AGRICULTURE). DETAILED RESULTS OF  
THE STUDY ARE PRESENTED FIRST FOR  
THE ENTIRE AREA AND THEN BY EACH  
SCHOOL DISTRICT. THE LAST SECTION  
OF THE REPORT PRESENTS SOME  
INFORMATION ON MANPOWER RESOURCES  
IN AREA 16, MOSTLY FROM STATE AND  
FEDERAL LABOR STATISTICS. DATA FROM  
THE SPRING 1975 CAREER EDUCATION  
NEEDS SURVEY GATHERED BY THE IOWA  
STATE DEPARTMENT OF PUBLIC  
INSTRUCTION ARE INCLUDED IN THE  
APPENDIX. A STRONG PRIORITY  
RESEMBLANCE TO THE CAREER INTERESTS  
EXPRESSED IN AREA 16 WAS NOTED IN  
THE STATE SURVEY, WHICH WOULD TEND  
TO SUPPORT THE USE OF SMALLER  
SAMPLES. (MF)

VT 103 268  
CAREER EDUCATION NEEDS AND INTEREST  
STUDY OF MERGED AREA 16.

SOUTHEASTERN COMMUNITY COLL., WEST  
BURLINGTON, IOWA. ADMINISTRATIVE  
CENTER.  
OFFICE OF EDUCATION (DHEW),

VT 103 269  
RESEARCH PROJECT ON CAREER  
EDUCATION IN MERGED AREA III.

IOWA LAKES COMMUNITY COLL.,



ESTHERVILLE.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; IOWA STATE DEPT.  
OF PUBLIC INSTRUCTION, DES MOINES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - DEC75 203P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*EDUCATIONAL NEEDS; \*VOCATIONAL  
INTERESTS; CAREER AWARENESS;  
ATTITUDES; \*SCHOOL SURVEYS;  
EDUCATIONAL ASSESSMENT; RELEVANCE  
(EDUCATION); ELEMENTARY SECONDARY  
EDUCATION; STATISTICAL DATA; \*NEEDS  
ASSESSMENT  
IDENTIFIERS - IOWA MERGED AREA III

ABSTRACT - THE REPORT DESCRIBES A  
RESEARCH PROJECT TO DETERMINE THE  
CAREER DEVELOPMENT NEEDS OF  
STUDENTS IN IOWA MERGED AREA III  
AND THE AVAILABLE AREA RESOURCES TO  
HELP MEET THOSE NEEDS. THE CAREER  
DEVELOPMENT NEEDS ASSESSMENT  
INCLUDED A SURVEY OF SENIOR HIGH  
SCHOOL STUDENTS, TEACHERS,  
ADMINISTRATORS, AND PARENTS IN 24  
SCHOOL DISTRICTS TO MEASURE  
ATTITUDES TOWARD CAREER EDUCATION  
AND EMPLOYABILITY SKILLS; A PROFILE  
OF NATIONAL ATTITUDES FROM A GALLUP  
POLL; AND AN ASSESSMENT OF PROGRAMS  
AT IOWA LAKES COMMUNITY COLLEGE.

RESOURCES IN AREA III WERE  
REPRESENTED BY DATA COMPILED BY THE  
IOWA STATE DEPARTMENT OF PUBLIC  
INSTRUCTION FOR POPULATION  
CHARACTERISTICS, SCHOOL CURRICULUMS  
AND FINANCES, STUDENT OCCUPATIONAL  
INTERESTS, LABOR MARKET AND DEMAND,  
AND STUDENT ENROLLMENT PROJECTIONS.  
THE DATA AND SURVEY RESULTS ARE  
DETAILED IN NARRATIVE AND TABULAR  
FORM. SUGGESTED APPLICATIONS OF THE  
STUDY INFORMATION INCLUDE  
CONSIDERATIONS OF CAREER EDUCATION  
CURRICULUMS FOR RELEVANCE, IN VIEW  
OF THE FACT THAT A LARGE MAJORITY  
OF SURVEY RESPONDENTS FAVORED  
SPECIAL VOCATIONAL TRAINING COURSES  
AND WORK-EXPERIENCE PROGRAMS AS  
ALTERNATIVES TO QUITTING SCHOOL.  
THE SURVEY FORMS ARE APPENDED. (MF)

VT 103 270

SCHOOL AND COLLEGE ADMINISTRATORS.  
SEMINARS: COMMUNITY RESOURCES.

# REPORT AND MAJOR ADDRESSES.

TEXAS EDUCATION AGENCY, AUSTIN.  
DEPT. OF OCCUPATIONAL EDUCATION AND  
TECHNOLOGY.; TEXAS ADVISORY COUNCIL  
FOR TECHNICAL - VOCATIONAL  
EDUCATION, AUSTIN.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - MAY73 133P.; MAJOR  
ADDRESSES FROM SEMINARS ON  
TECHNICAL-VOCATIONAL EDUCATION HELD  
IN TEXAS IN 1972.

DESCRIPTORS - \*SEMINARS; SPEECHES;  
\*COMMUNITY RESOURCES; \*VOCATIONAL  
DEVELOPMENT; CAREER EDUCATION;  
VOCATIONAL EDUCATION;  
ADMINISTRATIVE PERSONNEL; ECONOMIC  
FACTORS; \*SCHOOL COMMUNITY  
RELATIONSHIP; EDUCATIONAL CHANGE  
IDENTIFIERS - \*TEXAS

ABSTRACT - AN OVERVIEW OF A SERIES  
OF 10 REGIONAL SEMINARS TO IMPROVE  
COMMUNICATIONS BETWEEN SCHOOLS AND  
THE COMMUNITY IS PRESENTED IN THIS  
REPORT. THE PROGRAM FORMAT AND A  
LIST OF 1972 SEMINAR SITES ARE  
FOLLOWED BY THE MAJOR ADDRESSES OF  
EXPERTS IN VARIOUS FIELDS WHICH  
WERE PRESENTED AT THE SEMINARS. THE  
PURPOSE OF THE CONFERENCES AS  
INDICATED IN A STATEMENT OF  
OBJECTIVES BY A BUSINESSMAN WAS TO  
SHARPEN THE FOCUS OF OCCUPATIONAL  
EDUCATION AS A WAY OF LOOKING AT  
EDUCATION FOR ALL STUDENTS IN A  
TOTAL SYSTEM INVOLVING COMMUNITY,  
BUSINESS, SCHOOLS, AND PEOPLE. THE  
10 MAJOR ADDRESSES INCLUDED IN THE  
DOCUMENT ARE GROUPED UNDER FIVE  
SUBJECT AREAS: ECONOMIC ASPECTS OF  
EDUCATION AND THE COMMUNITY; HOW  
THE LOCAL ECONOMY USES SCHOOL  
PRODUCTS; HOW, WHERE, AND WHEN  
PEOPLE GET TRAINED; A PLAN FOR  
EDUCATIONAL CHANGE; AND A WORKABLE  
MODEL FOR SCHOOL-COMMUNITY  
RELATIONS. (MF)

VT 103 271

EACHUS, THOMAS E.  
A PLAN FOR DEVELOPMENT OF  
PHOTOGRAPHIC PROCESS FOR OVERHEAD  
TRANSPARENCIES. FINAL REPORT.

INDIANA STATE UNIV., TERRE HAUTE.



INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS. DIV. OF VOCATIONAL EDUCATION.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 20FEB76 16P.

DESCRIPTORS - \*TRANSPARENCIES; \*MATERIAL DEVELOPMENT; \*TEACHER DEVELOPED MATERIALS; \*INSTRUCTIONAL MATERIALS; DEVELOPMENTAL PROGRAMS; \*GUIDES

ABSTRACT - THIS PROJECT WAS DESIGNED TO PROVIDE THE TEACHER WITH AN INEXPENSIVE, RELATIVELY FAST MEANS OF MAKING TRANSPARENCIES WHICH COVER THE HIGHLY SPECIFIC, UNIQUE SUBJECT MATTER OF A VOCATIONAL COURSE. AFTER PRESENTATION OF A RATIONALE FOR TEACHER-ORIGINATED MATERIALS AND FOR A SELECTIVE, ANALYTIC PROCESS FOR DETERMINING INSTRUCTIONAL MATERIALS' REQUIREMENTS, A TECHNICAL SECTION PRESENTS THE FOLLOWING: (1) TAKING THE PHOTOGRAPH, (2) PROCESSING THE FILM, (3) MAKING THE ORIGINAL PRINT, (4) PROCESS CAMERA INFORMATION, AND (5) PRESS WORK. A FINAL SECTION INCLUDES SUMMARY STATEMENTS PERTAINING TO CONCLUSIONS REACHED DURING THE PROJECT AND RECOMMENDATIONS FOR IMPLEMENTATION OF THE PROCESS FOR EFFICIENT PRODUCTION AND DISSEMINATION OF THE MATERIALS. (AUTHOR/NJ)

VT 103 272  
MCCLLELLAN, VIRGINIA B.  
A STUDY OF THE COMPETENCIES UNIQUE TO THE EDUCATORS OF ADULTS IN THE VOCATIONAL, TECHNICAL AND ADULT EDUCATION SYSTEM. FINAL REPORT.

WISCONSIN UNIV. - STOUT, MENOMONIE. CENTER FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 75 97P.

DESCRIPTORS - \*ADULT EDUCATORS; \*TEACHING SKILLS; \*SURVEYS; TEACHER QUALIFICATIONS; STATISTICAL ANALYSIS; QUESTIONNAIRES

ABSTRACT - THIS STUDY SOUGHT TO IDENTIFY THE COMPETENCIES OF AN EFFECTIVE ADULT EDUCATOR BY SURVEYING A SAMPLE OF ADMINISTRATORS, COORDINATORS, AND INSTRUCTORS IN THE WISCONSIN VOCATIONAL, TECHNICAL, AND ADULT EDUCATION SYSTEM AND A SAMPLE OF ADULT EDUCATORS AT THE UNIVERSITY OF WISCONSIN-STOUT. THE TABULATED RESULTS ARE REVIEWED IN TABLES WITH THE MEDIAN AND INTERQUARTILE RANGE GIVEN FOR THE TWO GROUPS OF RESPONDENTS. RESULTS ARE PRESENTED BY THE ADULT EDUCATOR COMPETENCY AREAS OF PROGRAM PLANNING, INSTRUCTION, RELATIONSHIP WITH ADULT LEARNER, RELATIONSHIP WITH PEERS AND COMMUNITY, PROGRAM COORDINATING, AND EVALUATION. ALSO PRESENTED ARE RESULTS OF A COMPARISON OF THIS STUDY WITH A PRE-EXISTING ONE IN ADULT EDUCATOR COMPETENCY IDENTIFICATION DONE BY THE UNIVERSITY OF NORTHERN IOWA. A MODEL OF AN EFFECTIVE ADULT EDUCATOR ALSO APPEARS IN NARRATIVE AND GRAPHIC FORM. ONE-HALF OF THE REPORT CONSISTS OF APPENDIXES WHICH CONTAIN COVER AND FOLLOWUP LETTERS AND SURVEY INSTRUMENT. ALSO APPENDED IS A LIST OF ADULT EDUCATOR COMPETENCIES IDENTIFIED BY MALCOLM S. KNOWLES, COVER LETTER AND SAMPLE INSTRUMENT USED IN THE UNIVERSITY OF NORTHERN IOWA SURVEY, AND THE QUESTIONNAIRE USED AT THE ILLINOIS VOCATIONAL TEACHERS EDUCATION COMPETENCIES CONFERENCE II IN MAY 1972. (NJ)

VT 103 273  
MORTON, J.B.; AND OTHERS  
A HISTORICAL AND CURRENT FOLLOW-UP STUDY OF OKLAHOMA VOCATIONAL-TECHNICAL GRADUATES.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. DIV. OF RESEARCH, PLANNING, AND EVALUATION. OKLAHOMA STATE BOARD OF VOCATIONAL

AND TECHNICAL EDUCATION,  
STILLWATER.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 76 119P.

DESCRIPTORS - \*FOLLOWUP STUDIES;  
\*VOCATIONAL FOLLOWUP; \*GRADUATE  
SURVEYS; \*TABLES (DATA); SECONDARY  
EDUCATION; POST SECONDARY EDUCATION  
IDENTIFIERS - \*OKLAHOMA; OTIS;  
OCCUPATIONAL TRAINING INFORMATION  
SYSTEM

ABSTRACT - THE DOCUMENT PRESENTS  
THE RESULTS OF FOLLOWUP SURVEYS OF  
SECONDARY AND POSTSECONDARY  
GRADUATES FROM VOCATIONAL-TECHNICAL  
PROGRAMS FOR THE YEARS 1970-1975,  
INCLUSIVELY. THE POSTTRAINING  
EXPERIENCES THE FIRST, THIRD, AND  
FIFTH YEAR AFTER COMPLETING THE  
TRAINING PROGRAM ARE REPORTED. THE  
FOLLOWUP INFORMATION IS PRESENTED  
IN TWO SERIES OF TABLES: (1) FOR  
EACH PROGRAM AND (2) FOR EACH  
SCHOOL, BY PROGRAM, FOR 1974-75  
ONLY. (AUTHOR/RG)

VT 103 274

HILGENDORF, ALLEN  
A STUDY OF THE TRANSPORTABILITY AND  
EFFECTIVENESS OF THE UW-STOUT CMIS  
AND INDIVIDUALIZED INSTRUCTIONAL  
SYSTEMS BASED UPON LEARNING STYLES.  
FINAL REPORT.

WISCONSIN UNIV. - STOUT, MENOMONIE.  
CENTER FOR VOCATIONAL, TECHNICAL  
AND ADULT EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 25P.

DESCRIPTORS - \*INFORMATION SYSTEMS;  
\*INDIVIDUALIZED INSTRUCTION;  
\*COMPUTER ORIENTED PROGRAMS;  
EDUCATIONAL TECHNOLOGY;  
\*INSTRUCTIONAL TECHNOLOGY; \*MODELS

ABSTRACT - THE PURPOSE OF THE STUDY  
WAS TO REFINE A MODEL COMPUTER  
MANAGED INFORMATION SYSTEM (CMIS)  
THAT PROVIDES LEARNING  
PRESCRIPTIONS BASED ON STUDENTS' 46

LEARNING STYLES AND TO IDENTIFY  
SPECIFIC PROBLEMS CONCERNING ITS  
IMPLEMENTATION IN OTHER TIME-  
SHARING ENVIRONMENTS. DURING THE  
1974-75 ACADEMIC YEAR, THE CMIS  
THAT WAS CONSTRUCTED AND TESTED THE  
PREVIOUS YEAR AT THE UNIVERSITY OF  
WISCONSIN-STOUT WAS DEVELOPED AND  
REFINED. VISITS WITH PERSONNEL IN  
TWO VOCATIONAL TECHNICAL ADULT  
EDUCATION DISTRICTS, AND OTHER  
CONTACTS, REVEALED THAT  
CONSIDERABLE DIFFERENCES IN  
COMPUTER SOFTWARE AND STAGES OF  
DEVELOPMENT OF COMPUTER USAGE WOULD  
RESTRICT THE IMPLEMENTATION OF THE  
MODEL. EFFORTS TO PROMOTE THE  
MANAGEMENT OF INSTRUCTION BASED ON  
LEARNING STYLES SHOULD PROCEED  
ACCORDING TO THE UNIQUE CONSTRAINTS  
AT EACH COMPUTING ENVIRONMENT AND  
SHOULD INCLUDE AN INITIAL EMPHASIS  
ON INFORMATION STORAGE AND  
RETRIEVAL. OBJECTIVES ARE PRESENTED  
FOR AN INSERVICE COURSE FOR  
TEACHERS. A LIST OF REFERENCES IS  
INCLUDED IN THE REPORT. APPENDED IS  
A SAMPLE OF THE OUTPUT FROM THE  
SYSTEM. (AUTHOR/RG)

VT 103 275

PENGR, H.C.  
JOB COMPETENCY NEEDS OF SANITARIAN  
AIDES.

IOWA WESTERN COMMUNITY COLL.,  
COUNCIL BLUFFS. DIV. OF COMMUNITY  
SERVICES.; IOWA STATE DEPT. OF  
PUBLIC INSTRUCTION, DES MOINES.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 75 121P.

DESCRIPTORS - \*ENVIRONMENTAL  
TECHNICIANS; \*JOB SKILLS;  
\*OCCUPATIONAL SURVEYS; \*CURRICULUM  
RESEARCH; JOB ANALYSIS; RATING  
SCALES  
IDENTIFIERS - IOWA; NEBRASKA

ABSTRACT - THE STUDY WAS DESIGNED  
TO PROVIDE BASE DATA OF BENEFIT TO  
EDUCATORS DEVELOPING CURRICULUMS  
FOR SANITARIAN AIDE TRAINING  
PROGRAMS. A SANITARIAN AIDE IS  
DEFINED AS A PERSON WITH A HIGH

SCHOOL OR EQUIVALENT EDUCATION TRAINED IN ENVIRONMENTAL CONTROL TECHNIQUES TO WORK AS A PARAPROFESSIONAL UNDER THE SUPERVISION OF A PROFESSIONAL SANITARIAN. SURVEYED BY MAILED QUESTIONNAIRES WERE 250 PROFESSIONAL ENVIRONMENTAL PERSONNEL IN IOWA AND NEBRASKA. TO PROVIDE A TOTAL OF 309 LISTED COMPETENCIES, THREE INSTRUMENTS WERE DEVELOPED, EACH COVERING SPECIFIC WORK AREAS. RESPONDENTS WERE ASKED TO RATE THE COMPETENCIES AS VERY NECESSARY, DESIRABLE, OR NOT APPLICABLE. A TOTAL OF 417 QUESTIONNAIRES WERE RETURNED. A MEAN WAS COMPUTED FOR EACH COMPETENCY, DESIGNATED AS A COMPETENCY NEED FACTOR. THE COMPETENCIES ARE RANKED IN DESCENDING ORDER BY COMPETENCY NEED FACTOR FOR THE TOTAL SURVEY POPULATION AND FOR EACH OF THE FIVE RESPONDENT SUBGROUPS. A COMPARISON OF RESULTS BETWEEN RESPONDENTS OF THE TWO STATES IS ALSO INCLUDED. FINDINGS INDICATE THAT 85 COMPETENCIES ARE IMPORTANT ENOUGH TO BE INCLUDED IN A CURRICULUM, 196 OTHERS SHOULD BE INCLUDED IN THE CURRICULUM, AND 28 WERE CONSIDERED UNNECESSARY. APPENDED ARE GUIDELINES FOR AN ENVIRONMENTAL HEALTH TECHNICIAN CURRICULUM AND OTHER MATERIALS FROM A 1970 CONFERENCE AND THE SURVEY INSTRUMENTS AND COVER LETTERS. (RG)

VT 103 276

A DIGEST OF THE EVALUATION OF COORDINATED VOCATIONAL ACADEMIC EDUCATION IN TEXAS.

EAST TEXAS STATE UNIV., COMMERCE. TEXAS EDUCATION AGENCY, AUSTIN. DEPT. OF OCCUPATIONAL EDUCATION AND TECHNOLOGY.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - JAN74 11P.

DESCRIPTORS - \*EDUCATIONAL ALTERNATIVES; \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*SCHOOL SURVEYS; SECONDARY EDUCATION; PROGRAM EFFECTIVENESS; \*DISADVANTAGED YOUTH.

IDENTIFIERS - COORDINATED VOCATIONAL ACADEMIC EDUCATION; CVAE; TEXAS

ABSTRACT - THIS STUDY WAS CONDUCTED TO DETERMINE IF THE GOALS AND OBJECTIVES OF THE COORDINATED VOCATIONAL ACADEMIC EDUCATION (CVAE) PROGRAM IN TEXAS WERE BEING MET. QUESTIONNAIRES WERE DEVELOPED AND ADMINISTERED TO ADMINISTRATIVE SUPERVISORS, VOCATIONAL AND ACADEMIC TEACHERS, AND PRESENT AND FORMER STUDENTS IN 381 SCHOOLS. FROM THE INFORMATION RECEIVED, MOST VOCATIONAL PROGRAMS WERE FOUND TO BE SUCCESSFUL, WHILE 35 PERCENT OF THE ACADEMIC PROGRAMS INDICATED SUCCESS, AND 33 PERCENT INDICATED PROGRESS AND IMPROVEMENT. ALSO INCLUDED IN THE REPORT IS ADDITIONAL INFORMATION BEARING ON THE SUCCESS OR FAILURE OF THE PROGRAM, SUCH AS THE METHOD OF SELECTION OF COURSES, THE ADEQUACY OF FACILITIES, SUPERVISION, TEACHER PREPARATION, STUDENT INTEREST, STUDENT SEGREGATION, AND CURRICULUM. WHEN COMPARED TO STUDENT PERFORMANCE BEFORE ENROLLMENT, ABSENTEEISM, SUSPENSIONS, AND DISCIPLINE PROBLEMS SHOWED A MARKED DECREASE.

CVAE TEACHERS REPORTED THAT 97 PERCENT OF THE VOCATIONAL TEACHERS AND 86 PERCENT OF THE ACADEMIC TEACHERS FELT THAT THE PROGRAM WAS EFFECTIVE. LESS SUCCESS WAS ACHIEVED BY THE ACADEMIC PHASE DUE TO LACK OF TRAINING FOR ACADEMIC TEACHERS, LARGE CLASSES, AND UNFAVORABLE ATTITUDES OF STUDENTS AND TEACHERS. ALTHOUGH STIGMA WAS A MAJOR DETRIMENT IN SOME SCHOOLS, IT WAS NOT FOUND WHERE CVAE STUDENTS REMAINED AN INTEGRAL PART OF THE STUDENT BODY. ALL FORMER STUDENTS RETURNING QUESTIONNAIRES WOULD ADVISE HIGH SCHOOL STUDENTS TO ENTER THE CVAE PROGRAM. (NJ)

VT 103 277

PULASKI, RICHARD E. ANALYSIS OF EFFECTS OF CHANGE IN THE BASIS OF FUNDING APPRENTICESHIP RELATED INSTRUCTION IN PUBLIC SCHOOLS. FINAL REPORT.



TEXAS A AND M UNIV., COLLEGE STATION. TEXAS ENGINEERING EXTENSION SERVICE.; TEXAS EDUCATION AGENCY, AUSTIN.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 28OCT74 57P.

DESCRIPTORS - \*EDUCATIONAL FINANCE; STATE AID; PRIVATE FINANCIAL SUPPORT; \*FINANCE REFORM; \*APPRENTICESHIPS; \*WORK EXPERIENCE PROGRAMS; TRADE AND INDUSTRIAL EDUCATION; PROGRAM COSTS; \*LOCAL UNIONS; PROGRAM EVALUATION IDENTIFIERS - \*TEXAS

ABSTRACT - FUNDING POLICY FOR APPRENTICESHIP-RELATED INSTRUCTION IN THE TEXAS PUBLIC SCHOOLS WAS CHANGED IN 1973 TO PROVIDE MORE EQUITABLE DISTRIBUTION BETWEEN STATE AND LOCAL MONIES THROUGH USE OF A CONTRACT HOUR FORMULA BASIS. TO PROVIDE GUIDELINES FOR ANY ADJUSTMENTS IN FUTURE FUNDING PATTERNS, THE TEXAS ENGINEERING EXTENSION SERVICE OF THE TEXAS A&M UNIVERSITY CONDUCTED A STUDY TO DETERMINE THE PRIVATE SECTOR'S ASSESSMENT OF THE NEW FUNDING BASIS AND ANY NEEDED CHANGES. DATA WERE COLLECTED THROUGH INTERVIEWS AND QUESTIONNAIRES FOR LOCAL APPRENTICESHIP PROGRAMS WITH RELATED INSTRUCTION PROGRAMS IN COOPERATION WITH LOCAL PUBLIC SCHOOLS. FINDINGS INDICATED THAT THE NEW FUNDING POLICY WAS APPROVED BY NEARLY EVERYONE CONCERNED WITH THE PROGRAMS. THE QUESTION, RESPONSES, AND SUMMARIZED PROGRAM EXPENDITURES ARE APPENDED. THE REPORT CONCLUDES THAT EXPENDITURES BY THE LOCAL JOINT APPRENTICESHIP COMMITTEES WERE A MAJOR CONTRIBUTION TO THE QUALITY OF THE PROGRAMS. RECOMMENDATIONS FOR FURTHER MODIFICATIONS IN THE STATE FUNDING POLICY AND IN PROGRAM STANDARDS ARE PRESENTED. (MF)

VT 103 278

COLLEGE CURRICULUM FOR CORRECTIONAL INSTRUCTIONAL PERSONNEL.

DEPT. OF OCCUPATIONAL EDUCATION AND TECHNOLOGY.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 42P.

DESCRIPTORS - \*CORRECTIONAL EDUCATION; \*TEACHER EDUCATION CURRICULUM; STUDENT NEEDS; \*PRISONERS; PSYCHOLOGICAL NEEDS; \*EDUCATIONAL NEEDS; COLLEGE CURRICULUM; \*SCHOOL SURVEYS; CURRICULUM RESEARCH

ABSTRACT - THE OBJECTIVE OF THIS PROJECT WAS TO GATHER DATA FOR THE PURPOSE OF IDENTIFYING THE SCOPE AND SEQUENCE OF ACTIVITIES NEEDED BY INSTRUCTIONAL PERSONNEL IN CORRECTIONAL SETTINGS TO MEET THE NEEDS OF STUDENTS IN A MULTIDISCIPLINARY SETTING. SIX QUESTIONNAIRES WERE DEVELOPED AND ADMINISTERED TO SEVEN DIFFERENT SAMPLE GROUPS: INMATES, PAROLEES, TEACHERS, INSTITUTIONAL SUPPORT PERSONNEL, COLLEGE PROFESSORS AND TEACHERS OF INMATES, AND SELECTED COLLEGE PROFESSORS AND INSTITUTIONAL PERSONNEL. A CHART REPRESENTING THE RESULTS OF ALL DATA COLLECTED LISTS THE TOPICS IN RANK ORDER OF INTEREST AS CHOSEN BY INMATES, PAROLEES, INSTITUTIONAL INSTRUCTORS, AND SUPPORT PERSONNEL. ALSO RESULTING FROM THE SURVEY IS A LIST OF SPECIFIC COURSES WITH CONCEPTS TO BE DEVELOPED: HUMAN RELATIONS, CRIMINOLOGY, HEALTH EDUCATION, SOCIAL PROBLEMS, COMMUNICATION SKILLS, SPANISH, PSYCHOLOGY OF PERSONALITY, ECONOMICS, PSYCHOLOGY OF ADULT LEARNING, ABNORMAL PSYCHOLOGY, SOCIAL PSYCHOLOGY, AND VOCATIONAL PSYCHOLOGY. APPENDED TO THE REPORT ARE FOUR QUESTIONNAIRES INDICATING TOTAL NUMBER OF RESPONSES FROM PAROLEES, INMATES, TEACHERS, AND INSTITUTIONAL SUPPORT PERSONNEL. ALSO INCLUDED AS A RESULT OF THE SURVEY IS A LIST OF CONCEPTS WHICH INSTRUCTORS IN AN INSTITUTIONAL SETTING SHOULD EXHIBIT AND BE ABLE TO TEACH. (NJ)

VT 103 279

C.F. FRITSCH; LORENZ, L.R.

EPD CONSORTIUM-C, HOUSTON, TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.



# EMPLOYMENT AND TRAINING NEEDS IN TEXAS AGRIBUSINESS.

TEXAS A AND M UNIV., COLLEGE STATION. TEXAS AGRICULTURAL EXPERIMENT STATION. TEXAS EDUCATION AGENCY, AUSTIN. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - DEC73 71P.

DESCRIPTORS - \*AGRICULTURAL OCCUPATIONS; \*AGRIBUSINESS; \*EMPLOYMENT STATISTICS; \*SKILL ANALYSIS; MANPOWER NEEDS; EDUCATIONAL NEEDS; EMPLOYMENT PROJECTIONS; TABLES (DATA); JOB SKILLS  
IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT PRESENTS DATA DESIGNED TO PROVIDE ESTIMATES OF THE PROPORTION OF THE LABOR FORCE IN WHICH KNOWLEDGE OF AGRICULTURE AND AGRICULTURAL PROCESSES COULD IMPROVE ON-THE-JOB PERFORMANCE. "THE STANDARD TERMINOLOGY FOR CURRICULUM AND INSTRUCTION IN LOCAL AND STATE SYSTEMS" WAS USED TO DETERMINE OCCUPATIONS WHICH MAY REQUIRE AGRICULTURAL OR RELATED COMPETENCIES. THIS WAS SUPPLEMENTED BY THE EXPERIENCE OF TEXAS AGRICULTURAL AND AGRIBUSINESS SPECIALISTS WHO EVALUATED JOB TITLES USED IN CLASSIFYING SURVEY EMPLOYMENT DATA FROM THE 1970 CENSUS OF THE POPULATION. IN 1970, OVER 500,000 JOBS EXISTED IN 141 OCCUPATIONS REQUIRING AGRICULTURAL OR RELATED KNOWLEDGE. THESE JOBS WERE FOUND IN 172 INDUSTRIES WITH APPROXIMATELY HALF IN 12 INDUSTRIES INVOLVED IN THE PRODUCTION OF AGRICULTURAL, HORTICULTURAL, FORESTRY, AND FISHERY PRODUCTS AND RELATED SERVICES AND PROCESSING INDUSTRIES. THE REMAINING OCCUPATIONS WERE IN AREAS SUCH AS EDUCATION, AGRICULTURAL AND FOOD PRODUCT SALES, BANKING, AND REAL ESTATE. APPENDIXES CONSIST OF THE GUIDE DEVELOPED TO DEFINE AGRICULTURAL COMPETENCIES, THE CENSUS QUESTIONS USED TO OBTAIN THE OCCUPATIONAL AND INDUSTRY DATA, LISTS OF ADVISORY COMMITTEE

MEMBERS, LISTS OF VOCATIONAL AGRICULTURE COURSES IN TEXAS, AND CENSUS CODING SCHEME FOR OCCUPATION COMBINATIONS. (AUTHOR/NJ)

VT 103 280  
VENEGAS, MOISES  
EDUCATIONAL AND OCCUPATIONAL ASPIRATIONS AND EXPECTATIONS OF EL PASO HIGH SCHOOL STUDENTS.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 31OCT73 115P.; ED.D. DISSERTATION, NEW MEXICO STATE UNIVERSITY

DESCRIPTORS - \*COMPARATIVE ANALYSIS; \*ANGLO AMERICANS; \*MEXICAN AMERICANS; \*OCCUPATIONAL ASPIRATION; DOCTORAL THESES; STATISTICAL ANALYSIS; \*ACADEMIC ASPIRATION; GRADE 10; GRADE 12; SENIOR HIGH SCHOOLS  
IDENTIFIERS - EL PASO; TEXAS

ABSTRACT - A COMPREHENSIVE SURVEY OF THE EDUCATIONAL AND OCCUPATIONAL ASPIRATIONS AND EXPECTATIONS OF EL PASO HIGH SCHOOL STUDENTS WAS MADE IN THIS STUDY. THE DATA WERE OBTAINED FROM A RANDOM SAMPLE OF FIVE PERCENT OF THE HIGH SCHOOL SOPHOMORES AND SENIORS ENROLLED IN THE EL PASO AND YSLETA SCHOOL DISTRICTS. APPROXIMATELY 590 STUDENTS WERE SAMPLED DURING FEBRUARY AND MARCH OF 1973. DATA ON THE HIGH SCHOOL STUDENTS WERE COMPARED AND ANALYZED IN TERMS OF ETHNICITY (MEXICAN AND ANGLO AMERICAN), SEX, GRADE LEVEL, AND TYPE OF PROGRAM. SPECIFICALLY, HYPOTHESES WERE FORMULATED TO DETERMINE DIFFERENCES OF EDUCATIONAL AND OCCUPATIONAL ASPIRATIONS AND EXPECTATIONS BASED ON SEX, GRADE, ETHNICITY, AND SCHOOL PROGRAM. RESPONSES WERE ANALYZED USING THE CHI-SQUARE AND ANALYSIS OF VARIANCE. CONCLUSIONS INDICATE THAT STUDENTS IN ALL GROUPS, REGARDLESS OF ETHNICITY, SEX, GRADE, OR PROGRAM HAD HIGH ASPIRATIONS AND EXPECTATIONS FOR

EDUCATION AND OCCUPATION. A STATISTICALLY SIGNIFICANT DIFFERENCE WAS FOUND BETWEEN ANGLO AMERICANS AND MEXICAN AMERICANS AND BETWEEN MALES AND FEMALES. GENERALLY, ANGLO AMERICANS HAD HIGHER ASPIRATION AND EXPECTATION LEVELS, AS DID MALES IN COMPARISON TO FEMALES. A SIGNIFICANT DIFFERENCE WAS ALSO NOTED AMONG THE THREE SCHOOL PROGRAMS; THE ACADEMIC GROUP WAS GENERALLY HIGHER THAN THE GENERAL AND VOCATIONAL SAMPLES. IN ADDITION TO A REVIEW OF THE LITERATURE, DESCRIPTION OF THE PROCEDURES, AND DATA ANALYSIS, THE SURVEY INSTRUMENT IS APPENDED. (AUTHOR/NJ)

VT 103 281

HUFFSTUTLER, E. VAUGHN; AND OTHERS  
SEARCH FOR EFFECTIVENESS OF THE  
OCCUPATIONAL ORIENTATION PROGRAMS  
IN THE STATE OF TEXAS. FINAL  
REPORT.

EPD CONSORTIUM D, RICHARDSON, TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DEPT. OF OCCUPATIONAL EDUCATION AND  
TECHNOLOGY.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN73 133P.

DESCRIPTORS - \*PROGRAM  
EFFECTIVENESS; PROGRAM EVALUATION;  
\*VOCATIONAL DEVELOPMENT;  
OCCUPATIONAL INFORMATION;  
ORIENTATION; \*MEASUREMENT  
INSTRUMENTS; \*INTERVIEWS; SELF  
EVALUATION; STATISTICAL ANALYSIS;  
CAREER PLANNING  
IDENTIFIERS - \*TEXAS

ABSTRACT - TO DETERMINE THE  
EFFECTIVENESS OF THE TEXAS  
OCCUPATIONAL ORIENTATION PROGRAMS  
FOR THE SCHOOL YEAR 1972-73, A  
SELF-ANALYSIS SURVEY WAS DEVELOPED  
AND COMPLETED BY THE TEACHERS AND  
CONSULTANT-COORDINATORS IN 82 PILOT  
PROGRAMS. INTERVIEWS WERE CONDUCTED  
IN SEPTEMBER 1972 WITH 69  
OCCUPATIONAL ORIENTATION STAFF  
MEMBERS. RATINGS ASSIGNED BY STAFF  
TO THE VARIOUS PROGRAM ITEMS  
RANGING FROM VERY ADEQUATE TO  
INADEQUATE ARE DETAILED IN 67

TABLES AND IN THE REPORT NARRATIVE.  
RECOMMENDATIONS FOR PROGRAM  
IMPROVEMENTS AND CHANGES SUBMITTED  
BY CLASSROOM TEACHERS, OCCUPATIONAL  
ORIENTATION TEACHERS, COUNSELORS,  
AND ADMINISTRATORS ARE INCLUDED. IN  
ADDITION, EVALUATION OF STUDENTS  
PARTICIPATING IN THE OCCUPATIONAL  
ORIENTATION PROGRAMS WAS  
ACCOMPLISHED IN TWO SCHOOL SYSTEMS  
THROUGH PRETESTS AND POSTTESTS.  
SIGNIFICANTLY HIGHER POSTTEST  
SCORES ON ALL TEST VARIABLES  
INDICATED THAT THE PROGRAM WAS  
EFFECTIVE IN THESE SCHOOLS IN  
INCREASING STUDENT KNOWLEDGE ABOUT  
OCCUPATIONS. THE INTERVIEW SCHEDULE  
AND THE SELF-EVALUATION AND PROGRAM  
ANALYSIS ARE APPENDED. (MF)

VT 103 282

MOBILE WELDING INSTRUCTIONAL LAB.  
FINAL REPORT. RESEARCH SERIES NO.  
35.

NORTH DAKOTA STATE SCHOOL OF  
SCIENCE, WAHPETON.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; NORTH DAKOTA  
STATE BOARD FOR VOCATIONAL  
EDUCATION, BISMARCK. RESEARCH  
COORDINATING UNIT.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 30JUN76 17P.

DESCRIPTORS - \*MOBILE EDUCATIONAL  
SERVICES; \*WELDING; \*VOCATIONAL  
RETRAINING; VOCATIONAL EDUCATION;  
PROGRAM DESCRIPTIONS

ABSTRACT - THIS REPORT DESCRIBES  
THE DEVELOPMENT OF A MOBILE WELDING  
INSTRUCTIONAL UNIT TO PROVIDE  
TRAINING IN WELDING TO ADULT  
WORKERS IN NORTH DAKOTA. PROJECT  
OBJECTIVES WERE TO PROVIDE SHORT  
TERM INSERVICE UPGRADING OR  
RETRAINING EDUCATION FOR PERSONS  
EMPLOYED AS WELDERS OR FOR  
UNEMPLOYED OR UNDEREMPLOYED ADULTS.  
PROCEDURES INVOLVED DEVELOPING A  
BUDGET, A STRUCTURAL PLAN AND  
SPECIFICATIONS, AND BUILDING AND  
TESTING THE WELDING LABORATORY. THE  
REPORT DESCRIBES THE INSTRUCTIONAL  
UNIT AND EQUIPMENT, AND PROVIDES  
INFORMATION ABOUT STAFF, BUDGET,

PUBLICITY, AND SCHEDULING. BUILDING PLANS AND USER REQUEST FORMS ARE ATTACHED TO THE REPORT. (NJ)

VT 103 283

STATEWIDE SURVEY OF CURRENT AND FUTURE EMPLOYMENT LEVELS OF LICENSED DENTAL HYGIENISTS.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 74 56P.

DESCRIPTORS - \*DENTAL HYGIENISTS; \*STATE SURVEYS; \*MANPOWER NEEDS; TABLES (DATA); EMPLOYMENT PROJECTIONS; \*EDUCATIONAL NEEDS IDENTIFIERS - \*TEXAS

ABSTRACT - THIS STUDY SOUGHT TO DETERMINE THE CURRENT AND FUTURE NEEDS FOR TRAINED DENTAL HYGIENISTS IN THE STATE OF TEXAS, THE RELATION OF NEED TO GEOGRAPHICAL AREA, AND THE IMPLICATIONS FOR CURTAILMENT OF PROGRAM DEVELOPMENT. IN ADDITION, THE STUDY PROVIDED A PERMANENT DATA BASE OF INFORMATION ABOUT THE PARTICIPATING DENTISTS AND HYGIENISTS. A SURVEY OF 1,539 HYGIENISTS AND 4,786 DENTISTS

LICENSED BY THE STATE WAS CONDUCTED TO OBTAIN INFORMATION THROUGH SELF-REPORTING INSTRUMENTS. THE INFORMATION RECEIVED WAS TRANSFERRED TO A MASTER FILE AND REPORTS WERE GENERATED PRINTING THE FREQUENCY DISTRIBUTION OF RESPONSES AND THE PERCENTAGE OF RESPONSES BY ITEM. APPENDIX A CONSISTS OF A SAMPLE OF THE HYGIENIST SURVEY FORM. APPENDIX B CONTAINS TABLES OF SELECTED CHARACTERISTICS AND INFORMATION CONTAINED IN THE MASTER FILE. INFORMATION IS PROVIDED FOR THE HYGIENISTS ABOUT THE PERCENTAGE OF FULL OR PART-TIME EMPLOYMENT, AVERAGE SALARIES, TRAINING, AND FUTURE EMPLOYMENT PLANS.

INFORMATION WAS RECEIVED FROM THE DENTISTS CONCERNING EMPLOYMENT OF HYGIENISTS, NEED, PROJECTED OPENINGS, AVERAGE LENGTH OF EMPLOYMENT, AND WILLINGNESS TO PARTICIPATE IN TRAINING PROGRAMS.

IN A SUMMARY OF THE DATA, IT WAS NOTED THAT CURRENT GROWTH MAY BE SUFFICIENT TO MAINTAIN THE BALANCE OF SUPPLY AND DEMAND. IT WAS SUGGESTED, HOWEVER, THAT AN AGGRESSIVE TRAINING PROGRAM FOR DENTISTS IN THE UTILIZATION OF HYGIENISTS WOULD NECESSITATE THE NEED FOR PROGRAM EXPANSION. (NJ)

VT 103 284

COOPERATIVE EDUCATION FOR THE AMERICAN INDIAN IN DALLAS COUNTY.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; DALLAS COMMUNITY COLL. DISTRICT, TEX.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - NO 21P.

DESCRIPTORS - \*AMERICAN INDIANS; \*COOPERATIVE EDUCATION; \*MODELS; \*COMMUNITY COLLEGES; STUDENT NEEDS; \*URBAN POPULATION; POST SECONDARY EDUCATION IDENTIFIERS - \*DALLAS COUNTY; TEXAS

ABSTRACT - THE PURPOSE OF THIS PROJECT WAS TO DEVELOP AND TEST THE FEASIBILITY OF A COOPERATIVE EDUCATIONAL MODEL FOR THE URBAN INDIAN IN A COMMUNITY COLLEGE SETTING. RECRUITMENT AND IDENTIFICATION OF PARTICIPATING STUDENTS WERE CONDUCTED BY A TASK FORCE THROUGH CONTACT WITH INDIAN ORGANIZATIONS, CHURCHES, AND INFORMALLY. THE IMPORTANCE OF COUNSELING AND THE SPECIAL PROBLEMS FACING THE INDIAN STUDENT ARE DISCUSSED AND THE RESPONSE OF SOME OF THE DALLAS AREA EMPLOYERS IS DESCRIBED. INCLUDED ALSO IS A BRIEF GENERAL DESCRIPTION OF THE EMPLOYMENT STATUS AND CAREER GOALS OF THE STUDENTS AS WELL AS A PROFILE OF AMERICAN INDIAN STUDENTS IN THE DALLAS COUNTY COMMUNITY COLLEGE DISTRICT COLLEGES. BASED ON THE STATED NEEDS OF THE INDIAN STUDENTS AND OF THOSE WHO EXPRESSED INTEREST IN MORE EDUCATION, THE FOLLOWING PRESCRIPTIONS WERE DEVELOPED FOR THE MODEL: (1) THE WORK EXPERIENCE SHOULD BE A PAYING JOB EQUAL TO AN ENTRY-LEVEL



POSITION; (2) THE COURSE WORK SHOULD BE FLEXIBLE ENOUGH TO ALLOW ADAPTATION TO WORK SCHEDULE; (3) ALL CO-OP ACTIVITIES SHOULD BE COORDINATED; AND (4) THE PROGRAM SHOULD CONTAIN A CAREER EXPLORATION COMPONENT. (NJ)

# VT 103 285

VOCATIONAL NURSE EDUCATION. FINAL REPORT.

SOUTH PLAINS COLL., LEVELLAND, TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 66P.; PAGES 67-71 CONTAINING STUDENT GRADE REPORT AND CLASS SCORES WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*PRACTICAL NURSES;  
\*PROGRAM DESCRIPTIONS; \*CURRICULUM DEVELOPMENT; \*PILOT PROJECTS;  
RECORDS (FORMS); PROGRAM EVALUATION; POST SECONDARY EDUCATION  
IDENTIFIERS - TEXAS

ABSTRACT - THIS PILOT PROJECT, PRIMARILY CONCERNED WITH UPGRADING LICENSED VOCATIONAL NURSE (L.V.N.) TRAINING IN TEXAS, DEVELOPED A PROGRAM DESIGNED TO INCREASE L.V.N. TRAINING PROGRAM PRODUCTIVITY. THE REPORT ENUMERATES THE PROGRAM OBJECTIVES; PRESENTS THE PHILOSOPHY; AND DESCRIBES THE BASIC PROGRAM STRUCTURE AND THE CLASSROOM, LAB, AND CLINICAL CURRICULUMS. A BRIEF STATEMENT EVALUATES THE PROGRAM ACCORDING TO STUDENT PERFORMANCE. VARIOUS INDIVIDUALS CONNECTED WITH THE PROGRAM CONSIDERED THE PARTICIPATING STUDENTS TO BE BETTER TRAINED AND BETTER QUALIFIED THAN STUDENTS IN PREVIOUS TRADITIONAL COURSES. IN ADDITION, POSITIVE CONCLUSIONS WERE DRAWN FROM THE TEST RESULTS OF THE STATE EXAMINATION. A HOSPITAL TRAINING MANUAL, DEVELOPED TO FURNISH INFORMATION TO THE HOSPITAL CONCERNING HOSPITAL AND COLLEGE

RESPONSIBILITIES, IS APPENDED TO THE REPORT. APPENDIXES (55 PAGES) ALSO CONTAIN STUDENT APPLICATION FORMS AND SUMMARY RECORD, HOSPITAL AND TRAINING RECORDS, COOPERATIVE AGREEMENT OF AFFILIATION, RECOMMENDED CLINICAL AND WARD CONFERENCES, CLASSROOM AND LABORATORY CURRICULUM, LABORATORY EQUIPMENT, LIBRARY AND RESOURCE MATERIALS, AND EQUIPMENT AND AUDIOVISUAL MATERIALS. (NJ)

# VT 103 286

LUKER, WILLIAM A.; ABERNATHY, LEWIS M.

THE MANPOWER-ECONOMIC EDUCATION PROJECT TO IMPROVE TEACHERS' AND PUPILS' OCCUPATIONAL EMPLOYMENT KNOWLEDGE AND ATTITUDES. FINAL REPORT.

NORTH TEXAS STATE UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
29538  
PUB DATE - DEC73 115P.

DESCRIPTORS - \*CHANGING ATTITUDES;  
\*WORK ATTITUDES; STUDENT ATTITUDES;  
TEACHER ATTITUDES; \*OCCUPATIONAL INFORMATION; SECONDARY EDUCATION;  
\*INSERVICE TEACHER EDUCATION;  
\*SECONDARY SCHOOL TEACHERS  
IDENTIFIERS - TEXAS

ABSTRACT - AS A POSSIBLE SOLUTION TO THE PROBLEM OF INACCURATE PERCEPTIONS AND NEGATIVE ATTITUDES TOWARD VOCATIONAL-TECHNICAL OCCUPATIONS AMONG TEACHERS AND PUPILS, THE PROJECT INVESTIGATED THE FEASIBILITY OF TRAINING SECONDARY SCHOOL TEACHERS IN A RANGE OF DISCIPLINES TO SERVE AS AGENTS OF MANPOWER-ECONOMIC INFORMATION DISSEMINATION AND ATTITUDINAL CHANGE. METHODOLOGY INVOLVED INSERVICE SEMINARS AND SUMMER INSTITUTES FOR A TOTAL OF 107 TEACHERS. REGRESSION ANALYSIS OF THE TRAINING PROGRAM'S DATA INDICATED THAT PUPILS OF THE TRAINED TEACHERS EXPERIENCED GREATER INCREASES IN KNOWLEDGE AND

DEVELOPED MORE POSITIVE ATTITUDES TOWARD NONPROFESSIONAL WORK MODES THAN DID PUPILS OF TEACHERS NOT PARTICIPATING IN THE INSERVICE TRAINING. HOWEVER, ANALYSIS DID NOT SHOW THAT PUPILS OF PARTICIPANT TEACHERS EXPERIENCED A SIGNIFICANTLY GREATER INCREASE IN REALISTIC ATTITUDES TOWARD NONPROFESSIONAL WORK MODES. FROM THESE FINDINGS, IT WAS CONCLUDED THAT THE PROGRAM OBJECTIVES HAD BEEN ACTUALIZED. DEVELOPMENT OF A DELIVERY SYSTEM UTILIZING MULTIMEDIA TECHNOLOGY, WITH A SOFTWARE SUPPORT SYSTEM, WAS RECOMMENDED. A SUMMARY OF THE TEACHER TRAINING UNITS, LISTS OF PARTICIPANTS, EVALUATION VARIABLES, AND THE STUDY INSTRUMENTS ARE APPENDED. (AUTHOR/MF)

VT 103 287

A PILOT PROJECT TO DEVELOP, INITIATE AND EVALUATE A POST-SECONDARY PROGRAM IN OCEANIC AND MARINE TECHNOLOGY. FINAL REPORT.

BRAZOSPORT COLL., LAKE JACKSON, TEX. DEPT. OF OCEANIC AND MARINE TECHNOLOGY.

TEXAS EDUCATION AGENCY, AUSTIN.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - JUN72 74P.; PAGES 55 THROUGH 59 CONTAINING PHOTOGRAPHS OF PROJECT ACTIVITIES AND PAGE 68 CONTAINING A COPYRIGHTED JOURNAL ARTICLE WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*MARINE TECHNICIANS; \*CURRICULUM DEVELOPMENT; \*PROGRAM DESCRIPTIONS; \*POST SECONDARY EDUCATION; OCEANOLOGY; \*PILOT PROJECTS; TECHNICAL EDUCATION

ABSTRACT - COVERING THE TIME PERIOD FROM SEPTEMBER 1971 TO JUNE 1972, THIS FINAL REPORT DESCRIBES A PILOT PROJECT TO DEVELOP, INITIATE, AND EVALUATE A POSTSECONDARY EDUCATION PROGRAM IN OCEANIC AND MARINE TECHNOLOGY AT BRAZOSPORT COLLEGE IN LAKE JACKSON, TEXAS. PART I CONSISTS OF BACKGROUND DATA; PART II, THE RESEARCH PROJECT SUMMATION AND FINAL REPORT; AND PART III, A

PHOTOGRAPHIC ANNEX. PART I CONTAINS INFORMATION CONCERNING THE COLLEGE FACILITIES, PERSONNEL, CURRICULUM, DESCRIPTION OF COURSES, COURSE OUTLINES, CLASS AND LABORATORY SCHEDULES, TEXTBOOK LISTS, TEACHING OBJECTIVES, LIST OF GUEST SPEAKERS AND PROSPECTIVE AREA EMPLOYERS, FORMS PERTAINING TO THE SUMMER PRACTICUM, AND SAFETY RULES AND PROCEDURES. PART II SUMMARIZES THE PROJECT OBJECTIVES; DESCRIBES PROCEDURES AND METHODS; AND PRESENTS THE FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS.

ACCOMPLISHMENTS INCLUDED DEVELOPMENT OF THE CURRICULUM, SELECTION OF EQUIPMENT, RECRUITMENT OF 34 STUDENTS, IMPLEMENTATION OF THE PROGRAM INCLUDING THE USE OF TWO TRAINING VESSELS, AND SUMMER PLACEMENT IN MARINE-RELATED INDUSTRIES. IN EVALUATION OF THE FIRST YEAR, IT WAS CONSIDERED THAT THE BEHAVIORAL OBJECTIVES WERE ACHIEVED AND THE RESEARCH PROJECT WAS HIGHLY SUCCESSFUL. APPENDED IS A FINAL SECTION OF NEWSPAPER CLIPPINGS AND LETTERS OF SUPPORT. (NJ)

VT 103 288

HUFFSTUTLER, E. VAUGHN; MCCALLON, EARL L.

STUDY OF NEEDS FOR VOCATIONAL-TECHNICAL PROFESSIONAL PERSONNEL DEVELOPMENT IN TEXAS.

EPD CONSORTIUM D, RICHARDSON, TEX. TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - ND 101P.

DESCRIPTORS - \*VOCATIONAL EDUCATION TEACHERS; \*EDUCATIONAL NEEDS; TEACHING SKILLS; \*TEACHER EDUCATION CURRICULUM; SCHOOL SURVEYS; VOCATIONAL DIRECTORS; TEACHER EDUCATORS; \*CURRICULUM EVALUATION; GRADUATE SURVEYS; \*VOCATIONAL FOLLOWUP; TEACHER EMPLOYMENT; PERFORMANCE CRITERIA IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT PRESENTS THE

RESULTS OF A STUDY TO DETERMINE THE PERSONNEL DEVELOPMENT NEEDS OF VOCATIONAL EDUCATION TEACHERS IN TEXAS. DATA FROM THREE SURVEY GROUPS (SECONDARY AND POSTSECONDARY VOCATIONAL DIRECTORS, TEACHER TRAINERS, AND RECENT GRADUATES) WERE COMPILED AND ARE PRESENTED LARGELY IN TABULAR FORM. THESE DATA INDICATE EDUCATIONAL NEEDS IN TERMS OF COMPETENCIES AND INSTRUCTIONAL AREAS; IDENTIFY UNIVERSITY COURSES RELATED TO SPECIFIC COMPETENCY NEEDS; AND DETERMINE HOW MANY RECENT VOCATIONAL GRADUATES ARE TEACHING IN THE FIELD FOR WHICH THEY PREPARED, TEACHING IN AN ALLIED FIELD, EMPLOYED IN ANOTHER OCCUPATIONAL FIELD, OR UNEMPLOYED. THE RESEARCH PRODUCED A MATRIX OF PERSONNEL DEVELOPMENT NEEDS BY AREAS AND COMPETENCY CLUSTERS AND A MATRIX OF UNIVERSITY COURSE OFFERINGS AND SPECIFIC COMPETENCIES PROVIDING INFORMATION FOR PROGRAM PLANNING. (AUTHOR/MF)

VT 103 289

INTERIOR DESIGN AND FURNISHINGS. IDENTIFICATION OF TASKS IN HOME ECONOMICS RELATED OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES.; UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS. DEPT. OF HOME ECONOMICS EDUCATION.

IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. STATE DIRECTOR, CAREER EDUCATION DIVISION, DEPARTMENT OF PUBLIC INSTRUCTION, GRIMES STATE OFFICE BUILDING, DES MOINES, IOWA, 50319. PUB DATE - 74 108P.; RELATED DOCUMENTS VT 103 290 THROUGH VT 103 294 IN THIS ISSUE.

DESCRIPTORS - \*TASK ANALYSIS; \*OCCUPATIONAL SURVEYS; OCCUPATIONAL HOME ECONOMICS; JOB SKILLS; TABLES (DATA); \*INTERIOR DESIGN; \*HOME FURNISHINGS; HOME ECONOMICS SKILLS; CURRICULUM DEVELOPMENT IDENTIFIERS - IOWA

ABSTRACT ONE OF A SIX-VOLUME

54

SERIES PERTAINING TO TASK PERFORMANCE IN HOME ECONOMICS-RELATED OCCUPATIONS, THIS STUDY PROVIDES DATA RELATIVE TO THOSE TASKS PERFORMED IN HOUSING AND INTERIOR DESIGN OCCUPATIONS. A DESCRIPTION REGARDING THE PROCEDURES OF THE STUDY INCLUDES IDENTIFICATION OF THE OCCUPATIONS, DEVELOPMENT AND PRETESTING OF THE INSTRUMENT, SELECTION OF THE SAMPLE, AND COLLECTION AND ANALYSIS OF THE DATA. TABLES PRESENT THE TASKS ARRAYED IN CLUSTERS IN DESCENDING ORDER OF MEAN FREQUENCY FOR THE OCCUPATIONS OF ASSISTANT INTERIOR DESIGNER, FLOOR MECHANIC, UPHOLSTERER, AND DRAPERY MAKER. IN A TWO-WAY MATRIX, LISTING THE TOTAL TASKS IN ALL FOUR OCCUPATIONS, THE TASK CLUSTERS ARE ARRAYED VERTICALLY, WHILE THE FOUR OCCUPATIONS ARE ARRAYED HORIZONTALLY. APPENDIXES (50 PAGES) CONSIST OF A RESOURCE PERSONNEL LIST, TASK CHECKLISTS AND INSTRUCTION SHEET, PERSONAL DESCRIPTIVE DATA OF EMPLOYEES IN THE FOUR OCCUPATIONS, ALTERNATIVE JOB TITLES BY OCCUPATIONS, MEAN FREQUENCY TABLES FOR TASK CLUSTERS BY INDIVIDUAL OCCUPATIONS, AND A MEAN FREQUENCY TABLE FOR TASK CLUSTERS FOR THE FOUR OCCUPATIONS. (NJ)

VT 103 290

INSTITUTIONAL AND HOUSEHOLD MAINTENANCE. IDENTIFICATION OF TASKS IN HOME ECONOMICS RELATED OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES.; UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS. DEPT. OF HOME ECONOMICS EDUCATION. IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. STATE DIRECTOR, CAREER EDUCATION DIVISION, DEPARTMENT OF PUBLIC INSTRUCTION, GRIMES STATE OFFICE BUILDING, DES MOINES, IOWA, 50319. PUB DATE - 74 175P.; RELATED DOCUMENTS VT 103 289 THROUGH VT 103 294 IN THIS ISSUE.



DESCRIPTORS - TABLES (DATA);  
SERVICE OCCUPATIONS; \*TASK  
ANALYSIS; OCCUPATIONAL HOME  
ECONOMICS; \*HOME ECONOMICS SKILLS;  
\*MAIDS; \*VISITING HOME MAKERS; \*HOME  
HEALTH AIDES; JOB SKILLS;  
OCCUPATIONAL SURVEYS; CURRICULUM  
DEVELOPMENT  
IDENTIFIERS - IOWA

ABSTRACT - ONE OF SIX PUBLICATIONS  
PERTAINING TO TASK PERFORMANCE IN  
HOME ECONOMICS-RELATED OCCUPATIONS,  
THIS GUIDE PROVIDES DATA RELATED TO  
THE PERFORMANCE OF TASKS IN  
INSTITUTIONAL AND HOUSEHOLD SERVICE  
OCCUPATIONS. THE STUDY IDENTIFIED  
OCCUPATIONS RELATED TO  
INSTITUTIONAL AND HOUSEHOLD  
SERVICES AND TASKS PERFORMED IN  
THESE OCCUPATIONS BY IOWA  
EMPLOYEES, DETERMINED THE FREQUENCY  
OF PERFORMANCE OF THESE TASKS AND  
TASKS COMMON TO THE OCCUPATIONS,  
AND DEvised A MATRIX TO BE USED AS  
A GUIDE FOR CURRICULUM DEVELOPMENT.  
THE FIRST SECTION DESCRIBES A  
PROCEDURAL METHOD FOR  
IDENTIFICATION OF SEVERAL  
INSTITUTIONAL AND HOUSEHOLD SERVICE  
OCCUPATIONS. A SECOND SECTION  
PRESENTS ONE-WAY MATRIXES FOR EACH  
OCCUPATION WITHIN THE CLUSTER. TASK  
CLUSTERS ARE PRESENTED VERTICALLY  
FOR EACH OCCUPATION BY OVERALL MEAN  
FREQUENCY OF PERFORMANCE. TWO-WAY  
MATRIXES OF TASK CLUSTERS ARE  
PROVIDED IN THE THIRD SECTION. IN  
EACH MATRIX THE TASK CLUSTERS ARE  
PRESENTED VERTICALLY WHILE THE  
OCCUPATIONS ARE ARRANGED  
HORIZONTALLY. CLUSTERS ARE ARRANGED  
BY COMMONALITY OF PERFORMANCE  
ACROSS OCCUPATIONS. APPENDIXES (71  
PAGES) CONSIST OF A BIBLIOGRAPHY,  
LIST OF RESOURCE PERSONS, TASK  
CHECKLISTS AND INSTRUCTION SHEET,  
PERSONAL DESCRIPTIVE DATA OF  
EMPLOYEES IN THE OCCUPATIONS, MEAN  
FREQUENCY TABLES FOR TASK CLUSTERS  
BY INDIVIDUAL OCCUPATIONS, AND  
ALTERNATIVE JOB TITLES BY  
OCCUPATIONS. (NJ)

VT 103 291  
CARE/DEVELOPMENT OF CHILDREN.  
IDENTIFICATION OF TASKS IN HOME

## ECONOMICS RELATED OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND  
TECHNOLOGY, AMES.; UNIVERSITY OF  
NORTHERN IOWA, CEDAR FALLS. DEPT.  
OF HOME ECONOMICS EDUCATION.  
IOWA STATE DEPT. OF PUBLIC  
INSTRUCTION, DES MOINES.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
STATE DIRECTOR, CAREER EDUCATION  
DIVISION, DEPARTMENT OF PUBLIC  
INSTRUCTION, GRIMES STATE OFFICE  
BUILDING, DES MOINES, IOWA, 50319.  
PUB DATE - 74 121P.; RELATED  
DOCUMENTS VT 103 289 THROUGH VT 103  
294 IN THIS ISSUE.

DESCRIPTORS - HOME ECONOMICS  
SKILLS; \*TASK ANALYSIS;  
OCCUPATIONAL HOME ECONOMICS; JOB  
SKILLS; \*CHILD CARE OCCUPATIONS;  
\*CHILD CARE WORKERS; DAY CARE  
SERVICES; TABLES (DATA);  
\*OCCUPATIONAL SURVEYS; CURRICULUM  
DEVELOPMENT  
IDENTIFIERS - IOWA

ABSTRACT - ONE OF A SIX-VOLUME  
SERIES PERTAINING TO TASK  
PERFORMANCE IN HOME ECONOMICS-  
RELATED OCCUPATIONS, THIS GUIDE  
PROVIDES DATA RELATED TO THE  
PERFORMANCE OF TASKS IN CHILD CARE  
OCCUPATIONS. THE STUDY SOUGHT TO  
DETERMINE THE PRIMARY JOBS  
AVAILABLE IN CHILD CARE IN IOWA, TO  
IDENTIFY AND DETERMINE FREQUENCY OF  
PERFORMANCE OF TASKS, TO FORMULATE  
RELEVANT TASK CLUSTERS, AND TO  
DETERMINE TASKS COMMON TO ALL CHILD  
CARE OCCUPATIONS AND THOSE UNIQUE  
TO EACH OCCUPATION. THE FIRST  
SECTION PRESENTS ONE-WAY MATRIXES  
FOR THE FIVE CHILD CARE-RELATED  
OCCUPATIONS STUDIED: DAY CARE  
MOTHER, FOSTER PARENT, HOUSE  
PARENT, NURSERY SCHOOL OR DAY CARE  
CENTER DIRECTOR OR TEACHER, AND  
NURSERY SCHOOL OR DAY CARE CENTER  
TEACHER AIDE OR ASSISTANT. IN THE  
SECOND SECTION A TWO-WAY MATRIX IS  
PRESENTED, LISTING THE TOTAL TASKS  
FOR ALL FIVE CHILD CARE-RELATED  
OCCUPATIONS. TASKS ARE ARRANGED IN  
CLUSTERS AND PRESENTED VERTICALLY,  
WHILE THE OCCUPATIONS ARE PRESENTED

HORIZONTALLY. APPENDIXES (31 PAGES) CONSIST OF RESOURCE PERSONNEL, TASK CHECKLIST AND INSTRUCTION SHEET, PERSONAL DESCRIPTIVE DATA OF EMPLOYEES IN THE FIVE OCCUPATIONS, MEAN FREQUENCY TABLES FOR TASK CLUSTERS BY INDIVIDUAL OCCUPATIONS, AND ALTERNATIVE JOB TITLES BY OCCUPATION. (NJ)

# VT 103 292

FAMILY AND COMMUNITY SERVICES. IDENTIFICATION OF TASKS IN HOME ECONOMICS RELATED OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES.; UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS. DEPT. OF HOME ECONOMICS EDUCATION. IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. STATE DIRECTOR, CAREER EDUCATION DIVISION, DEPARTMENT OF PUBLIC INSTRUCTION, GRIMES STATE OFFICE BUILDING, DES MOINES, IOWA, 50319. PUB DATE - 74 154P.; RELATED DOCUMENTS VT 103 289 THROUGH VT 103 294 IN THIS ISSUE.

DESCRIPTORS - \*TASK ANALYSIS; OCCUPATIONAL HOME ECONOMICS; JOB SKILLS; TABLES (DATA); \*COMMUNITY SERVICES; \*FAMILY MANAGEMENT; SOCIAL SERVICES; SUBPROFESSIONALS; VISITING HOMEMAKERS; HOME HEALTH AIDES; \*OCCUPATIONAL SURVEYS; HOME ECONOMICS SKILLS; CURRICULUM DEVELOPMENT IDENTIFIERS - IOWA

ABSTRACT - ONE OF A SIX-VOLUME SERIES PERTAINING TO TASK PERFORMANCE IN HOME ECONOMICS-RELATED OCCUPATIONS, THIS STUDY IDENTIFIED, VALIDATED, AND DETERMINED FREQUENCY OF PERFORMANCE OF TASKS PERFORMED BY PARAPROFESSIONALS IN FAMILY AND COMMUNITY SERVICE OCCUPATIONS IN IOWA. THE REPORT OUTLINES THE OBJECTIVES, DEFINES THE TERMS, REVIEWS THE BACKGROUND LITERATURE, AND DESCRIBES THE PROCEDURES AND RESULTS OF THE STUDY. DATA WERE COLLECTED TO DETERMINE THE RELATIVE

FREQUENCY OF PERFORMED TASKS IDENTIFIED FOR OCCUPATIONS IN FAMILY AND COMMUNITY SERVICES. TABLES PRESENT THE TASKS ARRANGED IN CLUSTERS AS PERFORMED BY VISITING HOMEMAKERS, FAMILY PLANNING HEALTH AIDES COUNSELORS ON ALCOHOLISM, HOUSE MANAGEMENT AIDES, DEPUTY JUVENILE PROBATION OFFICER AIDES, FAMILY MANAGEMENT SERVICES, AND FAMILY AND COMMUNITY SERVICE OCCUPATIONS. THE MAJOR PORTION OF THE REPORT CONSISTS OF APPENDIXES WHICH CONTAIN LETTERS OF TRANSMITTAL, QUESTIONNAIRES, TABLES, DESCRIPTORS USED IN ERIC SEARCH, ALTERNATE JOB TITLES, RESOURCE PEOPLE, CONGRESSIONAL MAP, AND ADDITIONAL TASK LISTS. THE APPENDED TABLES INDICATE THE RANK ORDER, MEAN, RANGE, STANDARD DEVIATION, AND VARIANCE FOR EACH OF THE TASK ITEMS. AN ADDITIONAL TABLE ARRANGES THE TASK ITEMS BY RANK ORDER OF PERFORMANCE FREQUENCY AND INCLUDES THE MEAN FREQUENCY FOR EACH TASK. (NJ)

# VT 103 293

CLOTHING, APPAREL, AND TEXTILE SERVICES. IDENTIFICATION OF TASKS IN HOME ECONOMICS RELATED OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES.; UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS. DEPT. OF HOME ECONOMICS EDUCATION. IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. STATE DIRECTOR, CAREER EDUCATION DIVISION, DEPARTMENT OF PUBLIC INSTRUCTION, GRIMES STATE OFFICE BUILDING, DES MOINES, IOWA, 50319. PUB DATE - 74 120P.; RELATED DOCUMENTS VT 103 289 THROUGH VT 103 294 IN THIS ISSUE.

DESCRIPTORS - \*OCCUPATIONAL SURVEYS; \*TASK ANALYSIS; \*CLOTHING MAINTENANCE SPECIALISTS; \*SEAMSTRESSES; OCCUPATIONAL HOME ECONOMICS; JOB SKILLS; TABLES (DATA); HOME ECONOMICS SKILLS; CURRICULUM DEVELOPMENT

## IDENTIFIERS - IOWA

ABSTRACT - ONE OF A SIX-VOLUME SERIES PERTAINING TO TASK PERFORMANCE IN HOME ECONOMICS-RELATED OCCUPATIONS, THIS STUDY IDENTIFIED, VALIDATED, AND DETERMINED THE FREQUENCY OF PERFORMANCE OF THOSE TASKS PERFORMED BY EMPLOYEES IN CLOTHING APPAREL AND TEXTILE SERVICE OCCUPATIONS IN IOWA. THE REPORT OUTLINES THE OBJECTIVES, DEFINES THE TERMS, REVIEWS THE BACKGROUND LITERATURE, AND DESCRIBES THE PROCEDURES AND RESULTS OF THE STUDY. TABLES INDICATE THE FREQUENCY OF TASKS ARRANGED IN DESCENDING ORDER WITHIN A TASK CLUSTER FOR THE OCCUPATIONS OF FABRIC SPECIALIST, TAILOR, ALTERATION SPECIALIST, DRY CLEANER, AND LAUNDERER. AN ADDITIONAL APPENDED TABLE INDICATES RANK ORDER OF PERFORMANCE FREQUENCY, MEAN, RANGE, STANDARD DEVIATION, AND VARIANCE FOR EACH TASK ITEM ARRANGED BY TASK CLUSTER FOR EACH OF THE STUDIED OCCUPATIONS. ALSO APPENDED IS A TABLE WHICH ORDERS THE TASK ITEMS BY DESCENDING ORDER OF FREQUENCY OF PERFORMANCE AND ALSO GIVES THE MEAN FREQUENCY FOR EACH TASK ITEM. ADDITIONAL APPENDIXES CONTAIN LETTERS OF TRANSMITTAL, QUESTIONNAIRES, DESCRIPTORS USED IN THE ERIC SEARCH, JOB OPPORTUNITIES IN CLOTHING APPAREL AND TEXTILE SERVICES, IOWA CONGRESSIONAL MAP, RESOURCE PEOPLE, AND ADDITIONAL TASK LISTS. (NJ)

VT 103 294

FOOD SERVICE. IDENTIFICATION OF TASKS IN HOME ECONOMICS RELATED OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES.; UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS. DEPT. OF HOME ECONOMICS EDUCATION. IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. STATE DIRECTOR, CAREER EDUCATION

DIVISION, DEPARTMENT OF PUBLIC INSTRUCTION, GRIMES STATE OFFICE BUILDING, DES MOINES, IOWA, 50319. PUB DATE - 74 27OP.; RELATED DOCUMENTS VT 103 289 THROUGH VT 103 294 IN THIS ISSUE.

DESCRIPTORS - \*OCCUPATIONAL SURVEYS; \*TASK ANALYSIS; \*FOOD SERVICE OCCUPATIONS; OCCUPATIONAL HOME ECONOMICS; TABLES (DATA); JOB SKILLS; HOME ECONOMICS SKILLS; CURRICULUM DEVELOPMENT IDENTIFIERS - IOWA

ABSTRACT - ONE OF A SIX-VOLUME SERIES PERTAINING TO TASK PERFORMANCE IN HOME ECONOMICS-RELATED OCCUPATIONS, THIS STUDY IDENTIFIED TASKS AND THE EXTENT TO WHICH THEY WERE PERFORMED BY FIVE CATEGORIES OF FULLTIME PERSONNEL IN SELECTED FOOD SERVICE ESTABLISHMENTS IN IOWA. JOB TASKS WERE IDENTIFIED FOR MIDDLE-LEVEL SERVICE, UPPER-LEVEL SERVICE, MIDDLE-LEVEL PRODUCTION, UPPER-LEVEL PRODUCTION JOBS, AND FOR THE JOB OF MANAGER IN FOUR TYPES OF ESTABLISHMENTS: RESTAURANTS, HOSPITALS AND NURSING HOMES, COLLEGES AND UNIVERSITIES, AND SCHOOLS. THE PROPORTION OF PERSONNEL IN EACH SUBCLASSIFICATION THAT PERFORMED THE TASK WAS DETERMINED. ANALYSES WERE MADE TO IDENTIFY DIFFERENCES AND SIMILARITIES IN TASK PATTERNS IN RELATION TO THE JOB CATEGORY AND TYPE OF ESTABLISHMENT IN WHICH PERSONNEL WERE EMPLOYED. THE FREQUENCY OF TASK PERFORMANCE WAS ALSO DETERMINED. DESCRIPTION OF THE PROJECT PROCEDURES INCLUDES EXPLANATION OF THE JOB CATEGORIES, DEVELOPMENT OF THE INSTRUMENTS, SELECTION OF THE ESTABLISHMENTS, AND DATA COLLECTION. THE MAJOR PORTION CONSISTS OF THE FINDINGS WHICH REPORT THE TASKS ACCORDING TO THE FUNCTIONS OF SERVICE, PRODUCTION, SANITATION AND SAFETY, MENU PLANNING, PROCUREMENT, SUPERVISION, AND MANAGEMENT FOR THE FIVE JOB CATEGORIES. DATA COLLECTION INSTRUMENTS, SUPPORTING MATERIALS, AND SUPPLEMENTARY TABLES ARE APPENDED. (AUTHOR/NJ)



VT 103 295

RESEARCH AND ANALYSIS OF  
COMPETENCIES NEEDED BY THE  
BILINGUAL TEACHER AIDE.

MESA COMMUNITY COLL., ARIZ.  
ARIZONA OCCUPATIONAL RESEARCH  
COORDINATING UNIT, PHOENIX.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - APR76 104P.

DESCRIPTORS - \*TASK ANALYSIS;  
\*BILINGUAL TEACHER AIDES; PROGRAM  
DESCRIPTIONS; BIBLIOGRAPHIES;  
COURSE DESCRIPTIONS; \*ELEMENTARY  
EDUCATION; QUESTIONNAIRES  
IDENTIFIERS - ARIZONA

ABSTRACT - THIS STUDY SERVES TO  
IDENTIFY THE COMPETENCIES NEEDED BY  
A BILINGUAL TEACHER AIDE IN AN  
ELEMENTARY SCHOOL PROGRAM. A TASK  
ANALYSIS, IN THE FORM OF A 341-ITEM  
QUESTIONNAIRE, WAS DISSEMINATED TO  
131 BILINGUAL TEACHER AIDES IN  
ARIZONA TO DETERMINE BOTH THE  
DIFFICULTY AND FREQUENCY OF THE  
TASKS PERFORMED BY THE BILINGUAL  
TEACHER AIDE. COURSES ARE  
RECOMMENDED AND DESCRIBED ON THE  
BASIS OF THE SKILLS WHICH APPEARED  
TO BE MOST IMPORTANT TO THE  
PERFORMANCE OF ESSENTIAL TASKS  
WITHIN THE BILINGUAL CLASSROOM. A  
BIBLIOGRAPHY, INTENDED AS A GUIDE  
FOR TEACHER AIDE TRAINERS, IS  
INCLUDED TO FACILITATE THE  
DEVELOPMENT OF APPROPRIATE  
MATERIALS. RECOMMENDATIONS FOR MORE  
EFFECTIVE SCREENING AND PLACEMENT  
AND FOR STATE CERTIFICATION ARE  
OFFERED. THE REPORT PRESENTS THE  
BACKGROUND OF THE PROBLEM, A REVIEW  
OF THE LITERATURE, A DESCRIPTION OF  
THE PROJECT DESIGN AND PROCEDURES,  
AND A DESCRIPTION OF THE INSTRUMENT  
AND DATA COLLECTION. RESULTS ARE  
PRESENTED WITH A SUMMARY OF THE  
BACKGROUND DATA AND AN ANALYSIS OF  
THE DATA WHICH GROUPS THE TASKS  
ACCORDING TO THE SKILLS OF  
LANGUAGE, INSTRUCTION, CULTURE, AND  
KNOWLEDGE OF THE BILINGUAL PROCESS.  
THE RESEARCH QUESTIONNAIRE IS  
APPENDED ALONG WITH TABLES  
PRESENTING CHI SQUARE ANALYSIS OF

THE DATA. (AUTHOR/NJ)

VT 103 296

HOLCOMB, JOHN W.; AND OTHERS  
EMPLOYMENT OPPORTUNITIES AND  
TRAINING NEEDS IN AGRIBUSINESS.  
COMPETENCIES FOR HORSE PRODUCTION  
IN THE UNITED STATES.

TEXAS A AND M UNIV., COLLEGE  
STATION. DEPT. OF AGRICULTURAL  
EDUCATION.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - AUG75 48P.; RELATED  
DOCUMENT VT 103 297 IN THIS ISSUE.

DESCRIPTORS - \*HORSES;  
\*AGRICULTURAL PRODUCTION; \*JOB  
ANALYSIS; \*AGRICULTURAL EDUCATION;  
AGRIBUSINESS; CURRICULUM PLANNING;  
TASK ANALYSIS

ABSTRACT - THIS STUDY SOUGHT TO  
DETERMINE THE COMPETENCIES  
NECESSARY FOR ENTRY AND ADVANCEMENT  
IN HORSE PRODUCTION BY A SURVEY OF  
46 PEOPLE IN THE HORSE PRODUCTION  
INDUSTRY FROM THE NINE LEADING  
HORSE PRODUCTION STATES OTHER THAN  
TEXAS. A PRELIMINARY LISTING OF  
COMPETENCIES WAS DEVELOPED FROM A  
REVIEW OF THE LITERATURE AND A  
SURVEY OF LEADERS IN AGRICULTURAL  
EDUCATION. THE LIST WAS REVISED  
SEVERAL TIMES BY AN ADVISORY  
COMMITTEE, PROJECT STAFF, AND STATE  
AND NATIONAL VALIDATING COMMITTEES.  
THE 46 RESPONDENTS IN THE HORSE  
PRODUCTION INDUSTRY RATED EACH  
SPECIFIC COMPETENCY IN TERMS OF THE  
RELATIVE IMPORTANCE ASSOCIATED WITH  
EMPLOYABILITY AT THE ENTRY AND  
FIRST ADVANCEMENT LEVELS. A TABLE  
SUMMARIZES THE RESPONSES,  
INDICATING THE NUMBER OF RESPONSES  
FOR EACH DEGREE OF RELATIVE  
IMPORTANCE, THE NUMBER NOT  
RESPONDING, AND THE WEIGHTED MEAN  
FOR EACH DUTY, GENERAL COMPETENCY,  
AND SPECIFIC COMPETENCY. A SECOND  
TABLE IS A RANK ORDER OF RELATIVE  
IMPORTANCE OF 167 SPECIFIC  
COMPETENCIES AND FIVE GENERAL  
COMPETENCIES FOR HORSE PRODUCTION  
WITH THE WEIGHTED MEAN FOR EACH.  
APPENDIXES CONTAIN MEMBERSHIP LISTS

OF THE ADVISORY AND VALIDATING COMMITTEES, THE NUMBER OF RESPONDENTS FROM THE TEN LEADING HORSE PRODUCTION STATES, A RANK ORDER OF HORSE PRODUCTION DUTIES WITH COMPONENT GENERAL COMPETENCIES RANK ORDERED WITHIN THE DUTY, AND EXAMPLES OF CURRICULUM MATERIALS DEVELOPED TO SUPPORT A SINGLE HORSE PRODUCTION SPECIFIC COMPETENCY STATEMENT. (NJ)

# VT 103 297

HOLCOMB, JOHN W.; AND OTHERS  
EMPLOYMENT OPPORTUNITIES AND  
TRAINING NEEDS IN AGRIBUSINESS.  
COMPETENCIES FOR COTTON PRODUCTION  
IN THE UNITED STATES.

TEXAS A AND M UNIV., COLLEGE  
STATION. DEPT. OF AGRICULTURAL  
EDUCATION.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - AUG75 44P.; RELATED  
DOCUMENT VT 103 296 IN THIS ISSUE.

DESCRIPTORS - \*AGRICULTURAL  
PRODUCTION; \*CROP PROCESSING  
OCCUPATIONS; \*AGRICULTURAL  
EDUCATION; \*JOB ANALYSIS; TASK  
ANALYSIS; CURRICULUM PLANNING;  
AGRIBUSINESS  
IDENTIFIERS - \*COTTON PRODUCTION

ABSTRACT - THIS STUDY SOUGHT TO  
DETERMINE THE COMPETENCIES  
NECESSARY FOR ENTRY AND ADVANCEMENT  
IN COTTON PRODUCTION BY SURVEYING  
PEOPLE IN THE COTTON PRODUCTION  
INDUSTRY FROM NINE OF THE TEN  
LEADING COTTON PRODUCING STATES. A  
PRELIMINARY LISTING OF COMPETENCIES  
WAS DEVELOPED FROM A REVIEW OF THE  
LITERATURE AND FROM A SURVEY OF  
SPECIALIZED PERSONNEL IN SOIL AND  
CROP SCIENCES. THE LIST WAS REVISED  
SEVERAL TIMES AND REFINED BY  
PROJECT STAFF, ADVISORY, AND  
VALIDATING COMMITTEES. THE 43  
RESPONDENTS, IDENTIFIED BY STATE  
DIRECTORS OF AGRICULTURAL  
EDUCATION, RATED EACH SPECIFIC  
COMPETENCY FOR COTTON PRODUCTION IN  
TERMS OF THE RELATIVE IMPORTANCE  
ASSOCIATED WITH EMPLOYABILITY AT  
THE ENTRY AND FIRST ADVANCEMENT

LEVELS. A TABLE SUMMARIZES THE  
RESPONSES, INDICATING THE NUMBER OF  
RESPONSES FOR EACH DEGREE OF  
RELATIVE IMPORTANCE, THE NUMBER OF  
PEOPLE NOT RESPONDING, AND THE  
WEIGHTED MEAN FOR EACH DUTY AND  
SPECIFIC AND GENERAL COMPETENCY. A  
SECOND TABLE IS A RANK ORDER OF  
RELATIVE IMPORTANCE OF 158 SPECIFIC  
COMPETENCIES AND TWO GENERAL  
COMPETENCIES FOR COTTON PRODUCTION  
WITH THE WEIGHTED MEAN FOR EACH.  
APPENDIXES CONTAIN MEMBERSHIP LISTS  
OF ADVISORY AND VALIDATING  
COMMITTEES, THE NUMBER OF  
RESPONDENTS FROM THE TEN LEADING  
COTTON PRODUCING STATES, A RANK  
ORDER OF COTTON PRODUCTION DUTIES  
WITH COMPONENT GENERAL COMPETENCIES  
RANK ORDERED WITHIN THE DUTY, AND A  
COTTON PRODUCTION EMPLOYEE JOB  
DESCRIPTION. (NJ)

# VT 103 298

THE DEVELOPMENT OF MODULAR  
INSTRUCTIONAL MATERIALS FOR PHYSICS  
FOR ONE-YEAR VOCATIONAL STUDENTS.

FORSYTH TECHNICAL INST., WINSTON-  
SALEM, N.C.

NORTH CAROLINA STATE DEPT. OF  
EDUCATION, RALEIGH. OCCUPATIONAL  
RESEARCH UNIT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 30JUN76 42P.; RELATED  
DOCUMENTS VT 103 236 THROUGH VT 103  
239 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM  
DEVELOPMENT; \*PHYSICS CURRICULUM;  
\*INDIVIDUALIZED CURRICULUM; PROGRAM  
DESCRIPTIONS; PROGRAM EVALUATION;  
\*VOCATIONAL EDUCATION

ABSTRACT - THIS REPORT DESCRIBES A  
PROJECT TO DEVELOP AND TEST A  
NUMBER OF INDIVIDUALIZED VOCATIONAL  
PHYSICS MODULES. THE MODULES WERE  
DESIGNED TO BE LABORATORY-ORIENTED,  
WRITTEN AT THE LOWEST READING  
LEVEL, AND SUPPLEMENTED WITH  
AUDIOVISUAL MATERIALS. THE REPORT  
INCLUDES DESCRIPTIONS OF THE  
PROCEDURES USED TO DEVELOP, PILOT  
TEST, AND DISSEMINATE THE  
MATERIALS. IN ADDITION, EACH OF THE  
FIVE DEVELOPED MODULES AND THE 15

SOUND/SLIDE PROGRAMS ARE DESCRIBED. TABULATED RESULTS OF THE STUDENT AND INSTRUCTOR EVALUATION OF THE MATERIALS APPEAR IN TABLES. INTERVIEWS WITH STUDENTS AND INSTRUCTORS AND THE EVALUATION DATA INDICATED THAT THE MATERIALS ARE A WORTHWHILE DEPARTURE FROM TRADITIONAL PHYSICS. HIGH INITIAL STUDENT INTEREST SUPPORTED THE CONTENTION THAT THE VOCATIONAL EDUCATION STUDENT PREFERENCES AN APPLICATION ORIENTED APPROACH. ON THE NEGATIVE SIDE, IT WAS FOUND THAT THE MATERIALS DO NOT ADAPT WELL TO TRADITIONAL CLASSROOM TECHNIQUES AND THAT INSTRUCTORS WITHOUT APPROPRIATE BACKGROUNDS HAVE DIFFICULTY WITH SOME OF THE MODULES. APPENDIXES CONSIST OF STUDENT PREREQUISITES AND OBJECTIVES FOR THE FIVE MODULES AND THE STUDENT AND INSTRUCTOR EVALUATION CHECKLISTS. (NJ)

#### VT 103 299

IDENTIFICATION OF ACTUAL TASKS PERFORMED AND RELATIVE AMOUNT OF TIME SPENT ON TASKS BY VOCATIONAL-TECHNICAL PERSONNEL. FINAL REPORT.

EPD CONSORTIUM D, RICHARDSON, TEX. TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

52350159

PUB DATE - ND 24P.;

RELATED DOCUMENTS VT 103 299

THROUGH VT 103 301 IN THIS ISSUE.

DESCRIPTORS - \*TASK ANALYSIS; PROGRAM DESCRIPTIONS; \*VOCATIONAL EDUCATION TEACHERS; \*VOCATIONAL DIRECTORS; \*PERFORMANCE BASED TEACHER EDUCATION; VOCATIONAL EDUCATION; \*COUNSELORS IDENTIFIERS - TEXAS

ABSTRACT - THIS FINAL REPORT DESCRIBES A RESEARCH PROJECT TO IDENTIFY TASKS ACTUALLY PERFORMED BY VOCATIONAL-TECHNICAL PERSONNEL IN TEXAS. THE PRIMARY OBJECTIVES OF THE STUDY WERE TO DIFFERENTIATE TASKS AND SUBTASKS FROM COMPETENCIES IDENTIFIED IN EARLIER

STUDIES AND TO DETERMINE THE RELATIVE AMOUNT OF TIME SPENT ON EACH IDENTIFIED TASK IN ORDER TO DEVELOP A COMPETENCY-BASED EDUCATION PROGRAM FOR PREPARATION OF VOCATIONAL-TECHNICAL PERSONNEL. A PANEL OF EXPERTS TRANSLATED THE COMPETENCIES VALIDATED EARLIER INTO TASKS AND SUBTASKS. APPROPRIATE QUESTIONNAIRE METHODOLOGY WAS THEN EMPLOYED TO OBTAIN DATA FROM A REPRESENTATIVE SAMPLE OF VOCATIONAL-TECHNICAL TEACHERS, ADMINISTRATORS, AND GUIDANCE PERSONNEL IN THE STATE. COMPLETE FINDINGS OF THE STUDY ARE PRESENTED IN THREE SEPARATE VOLUMES. THE REPORT DESCRIBES PLANNING AND MANAGEMENT CONSIDERATIONS, THE POPULATION, INSTRUMENT DEVELOPMENT, DATA COLLECTION, AND STATISTICAL ANALYSIS PROCEDURES AND ALSO PRESENTS THE SUMMARY AND CONCLUSIONS. FREQUENCY TABLES PRESENT DATA CONCERNING THE NUMBER OF RESPONDENTS ACCORDING TO AGE CATEGORIES AND PROGRAM AREA. (AUTHOR/NJ)

#### VT 103 300

IDENTIFICATION OF ACTUAL TASKS PERFORMED AND RELATIVE AMOUNT OF TIME SPENT ON TASKS BY VOCATIONAL-TECHNICAL TEACHERS.

EPD CONSORTIUM D, RICHARDSON, TEX. TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

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DESCRIPTORS - \*TASK ANALYSIS; \*VOCATIONAL EDUCATION TEACHERS; \*SURVEYS; \*TABLES (DATA); \*CURRICULUM PLANNING; VOCATIONAL EDUCATION IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT PRESENTS THE RESULTS OF A STUDY DESIGNED TO FIRST IDENTIFY TASKS TYPICALLY PERFORMED BY VOCATIONAL-TECHNICAL TEACHERS AND SECONDLY, TO DETERMINE



THE RELATIVE AMOUNT OF TIME SPENT PERFORMING THESE TASKS. SEVEN RANDOM SAMPLES WERE DRAWN FROM THE TEXAS VOCATIONAL-TECHNICAL TEACHER POPULATION REPRESENTING THE PROGRAM AREAS OF TRADE AND INDUSTRIAL EDUCATION, DISTRIBUTIVE EDUCATION, HOMEMAKING, OFFICE EDUCATION, HEALTH, AGRICULTURAL EDUCATION, AND OCCUPATIONAL ORIENTATION. THE CONTENTS OF THE QUESTIONNAIRE CONSISTED OF 105 TASKS AND SUBTASKS DERIVED FROM COMPETENCIES VALIDATED IN EARLIER STUDIES. ANALYSIS PERFORMED ON THE DATA INCLUDED BOTH INDIVIDUAL PROGRAM ANALYSIS FOR THE TOTAL GROUP OF 980 RESPONDENTS (85 PERCENT OF THE SAMPLE SELECTED). THE RESULTS OF THE STUDY CONSIST OF A VALIDATED SET OF TASKS AND SUBTASKS USEFUL FOR CURRICULUM DECISIONMAKING. THE TASKS AND SUBTASKS ARE RANKED ACCORDING TO THE NUMBER OF TEACHERS IN EACH PROGRAM WHO PERFORM THE TASK. THE RELATIVE PERCENT OF TIME SPENT PERFORMING THE TASK IS ALSO GIVEN. THIS INFORMATION IN TABULAR FORM COMPRISES THE MAJOR PORTION OF THE REPORT (142 PAGES) WHICH ALSO DESCRIBES PLANNING AND MANAGEMENT, INSTRUMENT DEVELOPMENT, THE POPULATION, DATA COLLECTION PROCEDURES, AND STATISTICAL ANALYSIS PROCEDURES. THE RESEARCH QUESTIONNAIRE IS APPENDED. (AUTHOR/NJ)

#### VT 103 301

IDENTIFICATION OF ACTUAL TASKS PERFORMED AND RELATIVE AMOUNT OF TIME SPENT ON TASKS BY VOCATIONAL-TECHNICAL ADMINISTRATORS.

EPD CONSORTIUM D, RICHARDSON, TEX. TEXAS EDUCATION AGENCY. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. 52350159

PUB DATE - ND 43P.;  
RELATED DOCUMENTS VT 103 299  
THROUGH VT 103 301 IN THIS ISSUE.

DESCRIPTORS - \*TASK ANALYSIS;  
\*SURVEYS; \*VOCATIONAL DIRECTORS;  
\*TABLES (DATA)

#### IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT PRESENTS THE RESULTS OF A STUDY DESIGNED TO FIRST IDENTIFY TASKS TYPICALLY PERFORMED BY VOCATIONAL-TECHNICAL ADMINISTRATORS AND SECONDLY, TO DETERMINE THE RELATIVE AMOUNT OF TIME SPENT PERFORMING THESE TASKS. THE POPULATION CONSISTED OF ALL SECONDARY VOCATIONAL-TECHNICAL DIRECTORS IN THE STATE. THE CONTENTS OF THE QUESTIONNAIRE CONSISTED OF TASKS AND SUBTASKS DERIVED FROM COMPETENCIES VALIDATED IN AN EARLIER STUDY. THE RESULTS OF THE STUDY CONSIST OF A VALIDATED SET OF TASKS AND SUBTASKS USEFUL FOR CURRICULUM DECISIONMAKING WHICH ARE RANKED ACCORDING TO THE NUMBER OF DIRECTORS WHO PERFORM THE TASK, INCLUDING THE RELATIVE PERCENT OF TIME SPENT PERFORMING THE TASK. THIS INFORMATION IS REPORTED IN TABULAR FORM. THE REPORT ALSO DESCRIBES PLANNING AND MANAGEMENT CONSIDERATIONS, INSTRUMENT DEVELOPMENT, THE POPULATION, DATA COLLECTION, AND STATISTICAL ANALYSIS PROCEDURES. THE RESEARCH QUESTIONNAIRE IS APPENDED. (AUTHOR/NJ)

#### VT 103 302

OCCUPATIONAL-TECHNICAL CURRICULUM DEVELOPMENT TV STUDY.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; DALLAS COUNTY COMMUNITY COLL. DISTRICT, TEX. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - ND 47P.;  
RELATED DOCUMENTS VT 103 207 AND VT 103 208 IN THIS ISSUE.

DESCRIPTORS - \*STATE OF THE ART REVIEWS; \*CURRICULUM EVALUATION;  
\*VOCATIONAL EDUCATION;  
\*TELECOURSES; TELEVISION CURRICULUM; PROGRAM EVALUATION;  
PROGRAM EFFECTIVENESS; \*FEASIBILITY STUDIES

ABSTRACT - THIS REPORT PRESENTS THE RESULTS OF A STUDY TO INVESTIGATE THE DESIRABILITY AND FEASIBILITY OF OFFERING OCCUPATIONAL-TECHNICAL COURSES ON TELEVISION. SECTION I PROVIDES A REVIEW OF VARIOUS EXPERIMENTS AND STUDIES ON THE EFFECTIVENESS OF TELEVISION INSTRUCTION IN OCCUPATIONAL-TECHNICAL COURSES. A REPRESENTATIVE SAMPLING OF COLLEGES OFFERING TELEVISION IN OCCUPATIONAL-TECHNICAL COURSES IS PROVIDED ALONG WITH A DISCUSSION OF TELEVISION INSTRUCTION AS A PACKAGE, PRE-PRODUCTION TESTING, LIMITATIONS OF TELEVISION TEACHING, ATTITUDES TOWARD TELEVISION INSTRUCTION, ANIMATION AND DRAMATIZATION, LECTURE-INTERVIEW-PANEL DISCUSSION, AND ADDITIONAL TECHNIQUES. SECTION II PRESENTS THE EVALUATION RESULTS OF PILOT DEMONSTRATIONS OF THREE TELEVISION COURSES: COMPUTER SCIENCE FORTRAN PROGRAMMING, FUNDAMENTALS OF CRIMINAL INVESTIGATION, AND RADIOGRAPHIC POSITIONING. IN SECTION III, THE RESULTS OF THE DALLAS COUNTY COMMUNITY COLLEGE DISTRICT TELEVISION EVALUATION FOR 1974-75 ARE PRESENTED ALONG WITH SOME ADDITIONAL STATISTICS AND RECOMMENDATIONS AND REVISIONS. A BIBLIOGRAPHY IS ALSO INCLUDED. (NJ)

VT 103 303

BYLER, BENNIE L.

ANALYSIS OF FACTORS RELATED TO THE EDUCATIONAL PLANS OF IOWA VOCATIONAL AGRICULTURE STUDENTS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. DEPT. OF AGRICULTURAL EDUCATION.; IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION, AMES.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 75 262P.; RELATED DOCUMENT VT 103 304 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL AGRICULTURE; \*HIGH SCHOOL STUDENTS; SECONDARY EDUCATION; \*STUDENT OPINION; \*ACADEMIC ASPIRATION; \*EDUCATIONAL PLANNING; CURRICULUM

EVALUATION; QUESTIONNAIRES; ACHIEVEMENT TESTS; ANALYSIS OF VARIANCE IDENTIFIERS - \*IOWA

ABSTRACT - THIS RESEARCH STUDY INVESTIGATED DIFFERENCES IN SELECTED FACTORS RELATED TO THE EDUCATIONAL PLANS OF IOWA VOCATIONAL AGRICULTURE STUDENTS UPON GRADUATION FROM HIGH SCHOOL. DATA WERE COLLECTED BY TWO INSTRUMENTS FROM A SAMPLE OF HIGH SCHOOLS PROVIDING VOCATIONAL AGRICULTURE PROGRAMS IN 1974-75: (1) A QUESTIONNAIRE DEVELOPED TO ASSESS THE PERSONAL, FAMILY, AND COMMUNITY VARIABLES ASSOCIATED WITH THE STUDENTS' EDUCATIONAL PLANS, AND (2) AN AGRIBUSINESS ACHIEVEMENT TEST. FINDINGS FROM STATISTICAL ANALYSES OF THE RESPONSES ARE DETAILED IN 87 TABLES THROUGHOUT THE REPORT. OF THE 623 STUDENTS PARTICIPATING IN THE STUDY, APPROXIMATELY 27 PERCENT INDICATED THAT THEY PLANNED TO ATTEND A POSTSECONDARY AREA VOCATIONAL SCHOOL; ABOUT 17 PERCENT PLANNED TO ATTEND A FOUR-YEAR COLLEGE OR UNIVERSITY; AND MORE THAN 55 PERCENT PLANNED TO GO TO WORK AND NOT ATTEND COLLEGE. AMONG THE SPECIFIC FINDINGS WERE THAT STUDENTS PLANNING POSTSECONDARY EDUCATION HAD RECEIVED HIGHER GRADES IN VOCATIONAL AGRICULTURE THAN THOSE NOT PLANNING COLLEGE, AND STUDENTS WHO PLANNED TO ATTEND A FOUR-YEAR COLLEGE RECEIVED HIGHER GRADES IN ALL COURSES. ALSO PRESENTED ARE RECOMMENDATIONS DERIVED FROM THE ANALYZED DATA HAVING IMPLICATIONS FOR SCHOOL PERSONNEL INVOLVED IN THE DEVELOPMENT OF SECONDARY AND POSTSECONDARY AGRICULTURE PROGRAMS. (MF)

VT 103 304

BYLER, BENNIE L.; KAAS, DUANE A. A STUDY OF FACTORS ASSOCIATED WITH THE OCCUPATIONAL PLANS OF IOWA VOCATIONAL AGRICULTURE STUDENTS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. DEPT. OF AGRICULTURAL EDUCATION.; IOWA

AGRICULTURAL AND HOME ECONOMICS  
EXPERIMENT STATION, AMES.  
IOWA STATE UNIV. OF SCIENCE AND  
TECHNOLOGY, AMES. DEPT. OF  
AGRICULTURAL EDUCATION.; IOWA  
AGRICULTURAL AND HOME ECONOMICS  
EXPERIMENT STATION, AMES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 76 169P.; RELATED  
DOCUMENT VT 103 303 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL  
AGRICULTURE; \*HIGH SCHOOL STUDENTS;  
\*STUDENT OPINION; \*OCCUPATIONAL  
ASPIRATION; \*CAREER PLANNING;  
AGRICULTURAL OCCUPATIONS;  
CURRICULUM EVALUATION;  
QUESTIONNAIRES; ACHIEVEMENT TESTS;  
ANALYSIS OF VARIANCE; SECONDARY  
EDUCATION  
IDENTIFIERS - \*IOWA

ABSTRACT - THE PURPOSE OF THIS  
RESEARCH STUDY WAS TO DETERMINE THE  
OCCUPATIONAL PLANS OF IOWA HIGH  
SCHOOL VOCATIONAL AGRICULTURE  
STUDENTS AND TO ASSESS DIFFERENCES  
IN FACTORS RELATED TO THEIR  
OCCUPATIONAL PLANS UPON COMPLETION  
OF THEIR FORMAL EDUCATION. DATA  
WERE COLLECTED FROM 623 STUDENTS BY  
TWO INSTRUMENTS, ONE DEVELOPED TO  
ASSESS THE PERSONAL, FAMILY, AND  
COMMUNITY VARIABLES RELATED TO THE  
STUDENTS' EDUCATIONAL AND  
OCCUPATIONAL PLANS, AND THE SECOND  
AN AGRIBUSINESS ACHIEVEMENT TEST.  
BASED ON THE STUDENTS' OCCUPATIONAL  
PLANS THREE GROUPS WERE IDENTIFIED  
AND STUDIED: (1) VOCATIONAL  
AGRICULTURE STUDENTS WHO PLANNED TO  
ENTER FARM AGRICULTURAL  
OCCUPATIONS, (2) THOSE WHO PLANNED  
TO ENTER OFF-FARM AGRICULTURAL  
OCCUPATIONS, AND (3) THOSE WHO  
PLANNED TO ENTER NONAGRICULTURAL  
OCCUPATIONS. FINDINGS INDICATED  
THAT MORE THAN 54 PERCENT OF THE  
PARTICIPATING STUDENTS PLANNED TO  
ENTER ON-FARM AGRICULTURAL  
OCCUPATIONS, ABOUT 18 PERCENT  
PLANNED TO ENTER OFF-FARM  
AGRICULTURAL OCCUPATIONS, AND THE  
REMAINING 28 PERCENT PLANNED TO  
ENTER NONAGRICULTURAL OCCUPATIONS.  
SIMILARITIES AND DIFFERENCES IN  
VARIOUS FACTORS ASSOCIATED WITH

OCCUPATIONAL DECISIONMAKING AMONG  
THE VOCATIONAL AGRICULTURE STUDENTS  
ARE DETAILED IN THE NARRATIVE AND  
IN 86 TABLES THROUGHOUT THE REPORT.  
RECOMMENDATIONS BASED ON THE  
CONCLUSIONS OF THE STUDY ARE  
PRESENTED FOR CONSIDERATION BY  
SCHOOL PERSONNEL INVOLVED IN THE  
DEVELOPMENT OF SECONDARY AND  
POSTSECONDARY AGRICULTURAL  
PROGRAMS. (MF)

VT 103 305  
DEVELOPMENT OF A CAREER EDUCATION  
CURRICULUM FOR DEAF STUDENTS AT THE  
TEXAS SCHOOL FOR THE DEAF. FINAL  
REPORT.

TEXAS SCHOOL FOR THE DEAF, AUSTIN.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUL75 230P.; PAGES 95  
AND 179 CONSISTING OF DECORATIVE  
DIVIDERS WERE NOT REPRODUCIBLE AND  
WERE REMOVED. THEY ARE NOT INCLUDED  
IN THE PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION;  
\*DEAF EDUCATION; \*CURRICULUM  
DEVELOPMENT; ELEMENTARY SECONDARY  
EDUCATION; PROGRAM DESCRIPTIONS;  
PROGRAM EVALUATION

ABSTRACT - THIS REPORT DESCRIBES A  
PROJECT TO DEVELOP A CAREER-  
ORIENTED CURRICULUM FOR THE TEXAS  
SCHOOL FOR THE DEAF FROM JUNE 1972  
TO JULY 1975. GOALS INCLUDED THE  
DELIVERY OF: (1) CAREER AWARENESS,  
EXPLORATION, AND PREPARATION  
EXPERIENCES, (2) LANGUAGE  
DEVELOPMENT ACTIVITIES, (3)  
AVOCATIONAL-RECREATIONAL  
EXPERIENCES, (4) CONSUMER  
ACTIVITIES, (5) PROBLEM-SOLVING  
EXPERIENCES, (6) TECHNICAL  
KNOWLEDGE, AND (7) A REALISTIC  
SELF-IMAGE. CHAPTER I PRESENTS A  
PROGRAM OVERVIEW AND CHAPTER II  
CONSISTS OF THE EVALUATION--  
ELEMENTARY EVALUATION, ELEMENTARY  
INTERVIEW INVENTORY, JUNIOR HIGH  
AND HIGH SCHOOL EVALUATION,  
QUESTIONNAIRES, AND TEACHER OPINION  
SURVEY. CHAPTER III DESCRIBES THE



DEVELOPMENT AND IMPLEMENTATION OF THE CAREER AWARENESS COMPONENT FOR THE THREE PROJECT YEARS. IN CHAPTER IV THE TWO CAREER EXPLORATION WORKSHOPS ARE DESCRIBED AND INFORMATION IS PROVIDED ABOUT THE FIRST YEAR OF IMPLEMENTATION, THE MODEL CITY CONCEPT, AND THE REFINEMENT ACTIVITIES OF THE FINAL YEAR. CHAPTER V PRESENTS INFORMATION ABOUT THE SUMMER CAREER PREPARATION WORKSHOP, THE CAREER EDUCATION LAB, AND THE MODULAR LEARNING STATIONS. PROCEDURES FOR PROGRAM MODIFICATION AND RECOMMENDATIONS FOR THE ELEMENTARY, JUNIOR, AND HIGH SCHOOL LEVELS ARE PRESENTED IN CHAPTERS VI AND VII. A FINAL CHAPTER DISCUSSES CAREER EDUCATION MEDIA AND PRODUCTION OF A CAREER QUIZ. MONTHLY PROGRESS REPORTS ARE APPENDED ALONG WITH DEFINITIONS OF TERMS FOR TEACHER OBSERVATIONS OF STUDENTS. (NJ)

VT 103 306

ROGERS, RICHARD A.  
IMPLEMENTATION OF A PROGRAM AND DELIVERY SYSTEM FOR COMPREHENSIVE CAREER EDUCATION IN A RURAL AREA. FINAL REPORT.

WESTERN WISCONSIN TECHNICAL INST.,  
LA CROSSE.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-73-5297

PUB DATE - 30JUN76 186P.;

APPENDIX G CONTAINING EVALUATION  
DESIGNS WAS NOT REPRODUCIBLE AND  
WAS REMOVED. IT IS NOT INCLUDED IN  
THE PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION;  
\*DELIVERY SYSTEMS; \*OUTREACH  
PROGRAMS; \*ADULT EDUCATION; CAREER  
PLANNING; CONTINUOUS LEARNING;  
\*PROGRAM EVALUATION; \*RURAL SCHOOL  
SYSTEMS; RESOURCE CENTERS;  
DEVELOPMENTAL PROGRAMS; INSERVICE  
TEACHER EDUCATION; ELEMENTARY  
SECONDARY EDUCATION; POST SECONDARY  
EDUCATION  
IDENTIFIERS - WISCONSIN

ABSTRACT - THE FINAL REPORT DETAILS 64

THE ACCOMPLISHMENTS AND MAJOR ACTIVITIES OF A THREE-YEAR CAREER EDUCATION PROJECT SERVING MORE THAN 186,000 INDIVIDUALS WITHIN THE WESTERN WISCONSIN VOCATIONAL, TECHNICAL, AND ADULT EDUCATION DISTRICT. BASIC TO THE PROJECT DESIGN IS THE ESTABLISHMENT OF FIVE CAREER CENTERS WHICH PROVIDE A WIDE VARIETY OF CAREER INFORMATION AND SERVICES. THE DOCUMENT CONTAINS A SUMMARY REPORT, FINAL AND QUARTERLY REPORTS FROM EACH OF THE FIVE AREA COORDINATORS, AND THE THIRD PARTY EVALUATION BY THE CENTER FOR VOCATIONAL, TECHNICAL, AND ADULT EDUCATION AT THE UNIVERSITY OF WISCONSIN-STOUT. THE DATA, ANALYSES, AND CONCLUSIONS ARE PRESENTED IN A DETERMINATION OF WHETHER EACH OF THE 11 OBJECTIVES OF THE PROJECT HAD BEEN MET. THE EVALUATORS CONCLUDED THAT THE PROJECT HAD A NUMBER OF SIGNIFICANT IMPACTS DURING THE THREE YEARS IT WAS OPERATIONAL, AND ACHIEVED ITS OBJECTIVES IN TERMS OF ESTABLISHING A COMPREHENSIVE LEARNING SYSTEM, EXPANDING RESOURCES AND SERVICES, AND MAKING CAREER EDUCATION ACCESSIBLE TO RESIDENTS OF THE DISTRICT. STUDENTS SHOWED PROGRESS IN SELF AWARENESS, KNOWLEDGE OF WORK, CAREER DECISIONMAKING, AND COMMUNITY AWARENESS OF AVAILABLE PROGRAMS AND OPPORTUNITIES INCREASED. APPENDED TO THE EVALUATION REPORT ARE THE WORK STATEMENT FOR THE EVALUATION AND SURVEY INSTRUMENTS. (RG)

VT 103 307

PLANNING STUDY TO DETERMINE THE  
CAREER EDUCATION NEEDS OF AREA ONE.

NORTHEAST IOWA AREA 1 VOCATIONAL-  
TECHNICAL SCHOOL, CALMAR.

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PUB DATE - SEP74 115P.; PORTIONS  
OF THE TABULAR MATERIAL MAY NOT  
REPRODUCE WELL. BEST COPY  
AVAILABLE.

DESCRIPTORS - \*NEEDS ASSESSMENT;  
\*EDUCATIONAL NEEDS; \*CAREER  
EDUCATION; \*SURVEYS; CURRICULUM  
EVALUATION; EDUCATIONAL PLANNING;

ATTITUDES; ELEMENTARY SECONDARY  
EDUCATION; TABLES (DATA);  
QUESTIONNAIRES  
IDENTIFIERS - IOWA MERGED AREA I

STATE DIRECTOR, CAREER EDUCATION  
DIVISION, DEPARTMENT OF PUBLIC  
INSTRUCTION, GRIMES STATE OFFICE  
BUILDING, DES MOINES, IOWA 50319.  
(NO CHARGE)  
PUB DATE ~ ND 135P.

DESCRIPTORS - \*TABLES (DATA);  
\*OFFICE OCCUPATIONS EDUCATION;  
\*TASK ANALYSIS; JOB ANALYSIS

ABSTRACT - THE BASIC PURPOSE OF  
THIS STUDY WAS TO DETERMINE THE  
NEED FOR CAREER EDUCATION  
EXPERIENCES FOR ALL STUDENTS WITHIN  
MERGED AREA I OF NORTHEAST IOWA.  
DATA TO HELP DETERMINE THIS NEED  
WERE OBTAINED BY THE FOLLOWING  
METHODS: ATTITUDE SURVEYS OF  
ADMINISTRATORS, TEACHERS, TWELFTH  
GRADE STUDENTS, AND PARENTS; MID-  
CAREER SURVEYS OF A RANDOM SAMPLE  
OF ADULTS; ANALYSIS OF SECONDARY  
VOCATIONAL CURRICULUMS; SURVEYS TO  
OBTAIN GRADUATE FOLLOWUP AND  
DROPOUT INFORMATION; SURVEY TO  
DETERMINE INFORMATION ON LABOR  
DEMAND AND CURRENT EMPLOYMENT;  
ADMINISTRATOR INTERVIEWS; SURVEY OF  
STUDENT INTERESTS IN VOCATIONAL  
AREAS; ENROLLMENT PROJECTIONS;  
SOCIAL AGENCY SURVEYS; POPULATION  
NEEDS PROFILE; AND SURVEY OF  
CURRENT VOCATIONAL OFFERINGS. THE  
REPORT OUTLINES PROCEDURES FOR  
GATHERING INFORMATION RELATED TO  
CAREER EDUCATION NEEDS WITH THE  
RESULTS PRESENTED IN TABULAR FORM.  
RESULTS OF THE NEEDS ASSESSMENT  
STUDY SUGGESTED THE EXISTENCE OF A  
NEED FOR MORE CAREER EDUCATION  
OFFERINGS FOR SCHOOL DISTRICTS  
WITHIN MERGED AREA I. THE APPENDIX  
CONSISTS OF THE ADVISORY COMMITTEE  
MEMBERSHIP LIST, SURVEY FORMS AND  
QUESTIONNAIRES, SUMMARIES OF THE  
LABOR SUPPLY AND DEMAND SURVEY, THE  
STUDENT INTEREST SURVEY, THE  
GRADUATE FOLLOWUP SURVEY, AND  
MINUTES OF THE CAREER PLANNING  
GROUP MEETINGS. (NJ)

VT 103 308

IDENTIFICATION OF TASKS IN OFFICE  
OCCUPATIONS. FINAL REPORT.

UNIVERSITY OF NORTHERN IOWA, CEDAR  
FALLS. DEPT. OF BUSINESS EDUCATION  
AND OFFICE ADMINISTRATION.  
IOWA STATE DEPT. OF PUBLIC  
INSTRUCTION, DES MOINES. DIV. OF  
CAREER EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

ABSTRACT - THIS PUBLICATION  
CONSISTS OF TABLES LISTING JOB  
TASKS REQUIRED FOR ENTRY-LEVEL  
OFFICE OCCUPATIONS IDENTIFIED FROM  
RESEARCH-BASED MATERIALS BY  
PARTICIPANTS OF A WORKSHOP HELD AT  
THE UNIVERSITY OF NORTHERN IOWA.  
ALL TABLES LIST THE TASKS IN  
DESCENDING ORDER OF THE PERCENT OF  
RESPONDENTS THAT PERFORM THE TASK.  
THREE SETS OF TABLES ARE INCLUDED.  
THE FIRST GROUP LISTS TASKS FOR THE  
SUBJECTS OF TYPEWRITING, DICTATION  
AND TRANSCRIPTION, CLERICAL DUTIES,  
HUMAN RELATIONS, MAILING,  
COMMUNICATIONS, OFFICE MACHINES AND  
EQUIPMENT, RECORDS MANAGEMENT, AND  
COMPUTATION AND FINANCIAL  
RECORDKEEPING. TABLES ALSO LIST  
TASKS FOR THE OCCUPATIONS OF  
STENOGRAPHER, SECRETARY,  
RECEPTIONIST, GENERAL OFFICE CLERK,  
CLERK TYPIST, MAIL CLERK, MACHINE  
TRANSCRIBER, OFFICE MACHINE  
OPERATOR, AND FILE CLERK. SUBTASKS  
ARE ALSO INCLUDED FOR THE FIRST TWO  
SETS OF TABLES. THE FINAL SET LISTS  
TASKS USING A MATRIX FORMAT WHICH  
INDICATES IF THE TASK IS PERFORMED  
BY STENOGRAPHER, SECRETARY,  
RECEPTIONIST, GENERAL OFFICE CLERK,  
CLERK TYPIST, MAIL CLERK, MACHINE  
TRANSCRIBER, OFFICE MACHINE  
OPERATOR, OR FILE CLERK. TASKS  
WHICH RESPONDENTS PERFORMED BELOW  
THE LEVEL OF 30 PERCENT WERE  
ELIMINATED FROM THE TABLES. (NJ)

VT 103 309

LISACK, J.P.  
CHANGING TRENDS IN THE PLANS OF  
HIGH SCHOOL SENIORS. COMPARISONS OF  
THE EDUCATIONAL, EMPLOYMENT AND  
OCCUPATIONAL PLANS OF SENIORS IN  
INDIANA HIGH SCHOOL CLASSES OF  
1966, 1969, 1972 AND 1975.

PURDUE UNIV., LAFAYETTE, IND.  
OFFICE OF MANPOWER STUDIES.  
INDIANA STATE BOARD OF VOCATIONAL  
AND TECHNICAL EDUCATION,  
INDIANAPOLIS.

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THE PAGINATION.

DESCRIPTORS - \*GRADE 12;  
\*COMPARATIVE ANALYSIS; \*CAREER  
CHOICE; \*STATE SURVEYS; \*CAREER  
PLANNING; EDUCATIONAL TRENDS;  
SECONDARY EDUCATION; TABLES (DATA)  
IDENTIFIERS - INDIANA

ABSTRACT - THIS STUDY COMPARES DATA  
CONCERNING INDIANA HIGH SCHOOL  
SENIORS IN THE GRADUATING CLASSES  
OF 1966, 1969, 1972, AND 1975. THE  
FOCUS OF THE STUDY IS ON THE  
SENIORS' EDUCATIONAL AND EMPLOYMENT  
PLANS AS WELL AS ON OTHER SELECTED  
CHARACTERISTICS. DATA BASED ON THE  
RESULTS ARE PRESENTED FOR THE  
CHARACTERISTICS OF SEX, RACE, HIGH  
SCHOOL PROGRAM TYPE, GRADE AVERAGE,  
COMMUNITY SIZE, AND HEAD OF  
HOUSEHOLD. COMPARISONS ARE MADE OF  
THE SENIORS' EDUCATIONAL AND  
EMPLOYMENT PLANS, CHOICE OF  
EDUCATIONAL INSTITUTION AND  
PROGRAM, DEFINITENESS OF CAREER  
PLANS, AND REASONS FOR CAREER  
CHOICE. INFORMATION IS PRESENTED  
ABOUT THOSE SENIORS WHO PLAN TO  
DELAY OR DISCONTINUE THEIR  
EDUCATION AFTER GRADUATION.  
INTERRELATIONSHIPS AMONG  
EDUCATIONAL AND EMPLOYMENT PLANS  
AND SELECTED CHARACTERISTICS ARE  
ALSO DISCUSSED. AMONG THE FINDINGS  
SOME TRENDS WERE IDENTIFIED. THE  
PROPORTION OF STUDENTS ENROLLED IN  
COLLEGE PREPARATORY PROGRAMS HAS  
DECREASED WHILE THE AVERAGE GRADE  
POINT AVERAGE HAS TENDED TO  
INCREASE. PARENTS AND RELATIVES  
WERE GIVEN AS THE MOST IMPORTANT  
INFLUENCE ON CAREER CHOICE. THE  
MOST POPULAR OCCUPATIONS CONTINUE

TO BE THOSE OF SECRETARY, TEACHER,  
ENGINEER, AND TECHNICIAN, WITH A  
GROWING INTEREST IN HEALTH OR  
MEDICAL-RELATED OCCUPATIONS. THE  
MOST DISTINCT TREND IDENTIFIED IS  
THE INCREASING PROPORTION OF  
STUDENTS WHO PLAN IMMEDIATE  
EMPLOYMENT. (NJ)

VT 103 310

LISACK, J.P.

CHANGING TRENDS IN THE PLANS OF  
HIGH SCHOOL SENIORS. COMPARISONS OF  
THE EDUCATIONAL, EMPLOYMENT AND  
OCCUPATIONAL PLANS OF SENIORS IN  
INDIANA HIGH SCHOOL CLASSES OF  
1966, 1969, 1972 AND 1975. FINAL  
REPORT.

PURDUE UNIV., LAFAYETTE, IND.  
OFFICE OF MANPOWER STUDIES.  
INDIANA STATE BOARD OF VOCATIONAL  
AND TECHNICAL EDUCATION,  
INDIANAPOLIS.

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PUB DATE - 01MAR76 11P.; RELATED  
DOCUMENT VT 103 309 IN THIS ISSUE.

DESCRIPTORS - PROGRAM DESCRIPTIONS;  
\*GRADE 12; \*COMPARATIVE ANALYSIS;  
\*CAREER CHOICE; \*STATE SURVEYS;  
\*CAREER PLANNING; EDUCATIONAL  
TRENDS; SECONDARY EDUCATION  
IDENTIFIERS - INDIANA

ABSTRACT - THIS FINAL REPORT  
DESCRIBES A PROJECT TO IDENTIFY AND  
TRACE THE TRENDS OR CHANGES IN THE  
CHARACTERISTICS AND CAREER PLANS OF  
INDIANA HIGH SCHOOL SENIORS FOR THE  
CLASSES OF 1966, 1969, 1972, AND  
1975. DATA GATHERED FROM  
APPROXIMATELY 186,000 SENIORS ARE  
PRESENTED IN TABULAR FORM WITH  
NARRATIVE HIGHLIGHTS OF THE  
FINDINGS IN A SUPPLEMENTARY  
PUBLICATION. DATA INCLUDE THE  
FOLLOWING AREAS: SEX, RACE, PROGRAM  
TYPE, HEAD OF HOUSEHOLD  
CHARACTERISTICS, EDUCATIONAL PLANS,  
FACTORS RELATED TO CAREER CHOICE,  
REASONS FOR DELAY OR DISCONTINUANCE  
OF FURTHER EDUCATION, AND  
EDUCATIONAL PROGRAMS DESIRED BUT  
NOT AVAILABLE LOCALLY. SOME OF THE  
MORE SIGNIFICANT FINDINGS ARE  
PRESENTED IN THE REPORT. TRENDS



WITHIN THE LAST TEN YEARS INCLUDE: A DECREASE IN COLLEGE PREPARATORY ENROLLMENT, GRADE INFLATION, A DECREASE IN THE PROPORTION OF HOUSEHOLDS WITH THE FATHER AS HEAD, AN INCREASE IN THE NUMBER OF SENIORS PLANNING IMMEDIATE EMPLOYMENT, AND AN INCREASED DELAY IN MAKING A CAREER CHOICE. TRENDS INVOLVING OCCUPATIONAL CHOICE INCLUDE THE GROWING POPULARITY OF OCCUPATIONS IN THE HEALTH AND MEDICAL-RELATED FIELDS, A DECLINE IN INTEREST IN ELEMENTARY EDUCATION, AND AN INCREASED INTEREST IN TECHNICAL JOBS. (NJ)

#### VT 103 311

FORSTER, WALTER A.  
DEVELOPMENT OF AN EXPLORATORY PROGRAM FOR GRADES EIGHT OR NINE IN THE CLUSTER OF MARKETING AND DISTRIBUTION.

HOUSTON INDEPENDENT SCHOOL DISTRICT, TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - NOV75 17P.

DESCRIPTORS - \*CAREER EXPLORATION; \*MARKETING; \*PROGRAM DEVELOPMENT; PROGRAM DESCRIPTIONS; JUNIOR HIGH SCHOOLS; DISTRIBUTIVE EDUCATION; FEASIBILITY STUDIES

ABSTRACT - THIS REPORT DESCRIBES THE DEVELOPMENT OF A JUNIOR HIGH SCHOOL LEVEL EXPLORATORY COURSE IN MARKETING AND DISTRIBUTION. OBJECTIVES WERE TO DETERMINE THE FEASIBILITY OF SUCH A PROGRAM, DEVELOP THE CURRICULUM, IDENTIFY MATERIALS NEEDED, DEVELOP CRITERIA FOR PERSONNEL SELECTION, AND WRITE THE PROPOSAL FOR AN EXEMPLARY PROGRAM. IN MEETING THESE OBJECTIVES, ON-SITE VISITS WERE MADE TO SCHOOLS IN THREE FLORIDA COUNTIES TO OBSERVE THE OPERATION OF AN EXISTING EXPLORATORY PROGRAM IN MARKETING AND DISTRIBUTION. THROUGH OBSERVATION, STUDY, AND EVALUATION OF THE FLORIDA PROGRAM, THE FEASIBILITY OF DEVELOPING A

SIMILAR PROGRAM IN HOUSTON WAS AFFIRMED, AND IDEAS AND CURRICULUM PLANS WERE GATHERED FROM WHICH THE ONE QUARTER COURSE IN MARKETING EXPLORATION WAS DEVELOPED. THE REPORT BRIEFLY DESCRIBES THE RESULTS ACHIEVED AND THE METHODS FOR MEETING THE OBJECTIVES. AN APPENDIX CONTAINS THE TABLE OF CONTENTS FROM EACH OF FOUR MARKETING EXPLORATION CURRICULUMS DEVELOPED BY THE FLORIDA PROGRAM. (NJ)

#### VT 103 312

RORIE, CHARLES D.  
POSTSECONDARY OCCUPATIONAL EDUCATION. INSTRUCTIONAL PLANNING NEEDS IN TEXAS.

AUSTIN COMMUNITY COLL., TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 75 60P.

DESCRIPTORS - \*INFORMATION SYSTEMS; \*INDIVIDUALIZED PROGRAMS; \*VOCATIONAL EDUCATION; \*COMMUNITY COLLEGES; \*CURRICULUM PLANNING; PROGRAM DESCRIPTIONS; POST SECONDARY EDUCATION; STATEWIDE PLANNING  
IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT CONTAINS THE ORIGINAL PROPOSAL, REPORTED FINDINGS, AND REVISED PROPOSAL AND RECOMMENDATIONS OF A PROJECT TO COMPILE AND ANNOTATE INDIVIDUALIZED INSTRUCTION PROGRAMS IN VOCATIONAL-TECHNICAL EDUCATION IN TEXAS COMMUNITY AND JUNIOR COLLEGES. DUE TO A LACK OF DOCUMENTATION REGARDING THE INDIVIDUALIZED INSTRUCTION PROGRAMS THE INITIAL PROJECT OBJECTIVES WERE NOT MET. HOWEVER, THE ORIGINAL METHODOLOGY, EXPECTED RESULTS, PROPOSED BUDGET, AND PERSONNEL PLAN ARE INCLUDED. AS A RESULT OF THE FINDINGS, A REVISED PLAN WAS PROPOSED AND IS ALSO INCLUDED IN THE REPORT. THE OBJECTIVES OF THIS RECOMMENDED PROJECT ARE: (1) TO CONSTRUCT AND PUBLISH A CORE CURRICULUM FOR 10

POSTSECONDARY VOCATIONAL PROGRAMS, (2) TO SELECT, WRITE, AND PUBLISH A SET OF PROGRAM OBJECTIVES, AND (3) TO DESIGN AND CONSTRUCT A TEXAS OCCUPATIONAL PROGRAM CURRICULUM AND OBJECTIVE BANK, PLACING THE CORE CURRICULUM AND OBJECTIVES IN AN INDEXED REFERENCE SYSTEM. THE PROPOSED METHODOLOGY, EXPECTED RESULTS, AND RECOMMENDED USE OF THE FINDINGS ARE OUTLINED, AND PROJECT-RELATED CORRESPONDENCE AND SURVEY FORMS ARE APPENDED. (NJ)

VT 103 313

ABERNATHY, LEWIS M.; LUKER, WILLIAM A.  
DEVELOPMENT AND EVALUATION OF A PILOT ELEMENT IN A STATEWIDE CAREER EDUCATION DELIVERY SYSTEM.

NORTH TEXAS STATE UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

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PUB DATE - OCT75 44P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PROGRAM EVALUATION; \*FEASIBILITY STUDIES; \*DELIVERY SYSTEMS; STATE PROGRAMS; MULTIMEDIA INSTRUCTION;  
\*INSERVICE TEACHER EDUCATION

ABSTRACT - THE PURPOSE OF THIS PROJECT WAS TO DETERMINE THE EFFECTIVENESS OF A PILOT ELEMENT OF A STATEWIDE DELIVERY SYSTEM FOR CAREER EDUCATION AS A METHOD FOR PREPARING SECONDARY TEACHERS TO BE EFFECTIVE AGENTS OF WORLD OF WORK ECONOMIC EDUCATION INFORMATION DISSEMINATION AND ATTITUDINAL CHANGE. THE PRIMARY OBJECTIVES WERE: (1) TO DEVELOP A PILOT ELEMENT OF A STATEWIDE DELIVERY SYSTEM FOR CAREER EDUCATION; (2) TO DEVELOP, PRODUCE, AND EVALUATE A TEACHER INSERVICE TRAINING SYSTEM UTILIZING AUDIOVISUAL COMPONENTS; AND (3) TO DEVELOP AN IMPLEMENTATION PROGRAM. PROCEDURES AND ACTIVITIES FOR THE TWO PROJECT PHASES ARE DESCRIBED IN THE REPORT. PHASE I INVOLVED THE DEVELOPMENT OF 68

THE PILOT DELIVERY SYSTEM WHILE PHASE II WAS CONCERNED WITH THE IMPLEMENTATION AND EVALUATION. A QUASI-EXPERIMENTAL RESEARCH DESIGN WAS EMPLOYED WITH A SAMPLE OF 30 TEACHERS. IT WAS FOUND THAT PUPILS OF TEACHERS PARTICIPATING IN THE PROGRAM DID NOT EVIDENCE MORE UNDERSTANDING OF THE WORLD OF WORK, BUT DID EXPERIENCE A GREATER INCREASE IN POSITIVE ATTITUDES TOWARD PRODUCTIVITY AND MOTIVATION THAN DID PUPILS OF NONPARTICIPATING TEACHERS. THESE FINDINGS SUGGEST THAT PROJECT OBJECTIVES WERE MET AND THAT AN EFFECTIVE DELIVERY SYSTEM CAN BE DEVELOPED. APPENDED TO THE REPORT ARE MATERIALS RELATED TO THE INSERVICE PROGRAM. (AUTHOR/NJ)

VT 103 314

ZACCARIA, MICHAEL A.; AND OTHERS  
TEXAS DAY CARE STUDY: OCCUPATIONAL ANALYSIS OF DAY CARE PERSONNEL.  
FINAL REPORT.

TEXAS UNIV., SAN ANTONIO. DIV. OF EDUCATION.

TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; OFFICE OF EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

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THE DIVISION OF EARLY CHILDHOOD DEVELOPMENT, TEXAS DEPARTMENT OF COMMUNITY AFFAIRS, P.O. BOX 13166, CAPITOL STATION, AUSTIN, TEXAS 78711.

PUB DATE - FEB76 29P.; RELATED DOCUMENT VT 103 315 IN THIS ISSUE.

DESCRIPTORS - \*JOB ANALYSIS; \*CHILD CARE WORKERS; \*PRESCHOOL TEACHERS; \*PARAPROFESSIONAL SCHOOL PERSONNEL; \*DAY CARE PROGRAMS; TASK PERFORMANCE; TABLES (DATA); STATISTICAL ANALYSIS  
IDENTIFIERS - TEXAS

ABSTRACT - THE STUDY INVOLVED THE DEVELOPMENT, ADMINISTRATION, AND ANALYSIS OF A JOB INVENTORY USED TO DETERMINE THE JOB PERFORMANCE OF 684 WORKERS IN TEXAS DAY CARE CENTERS. THE OBJECTIVES WERE TO:

(1) DEVELOP AN INVENTORY OF TASKS; (2) GROUP THE TASKS ACCORDING TO LEVEL OF DIFFICULTY; (3) DEVELOP POSITION DESCRIPTIONS COMPOSED OF RELATED TASKS; (4) DEVELOP A CAREER LADDER COMPOSED OF POSITIONS OF INCREASING DIFFICULTY AND RESPONSIBILITY; AND (5) DETERMINE THE KNOWLEDGE AND SKILLS NEEDED TO PERFORM THE TASKS IN EACH POSITION. HIERARCHICAL GROUPING TECHNIQUES WHICH STATISTICALLY GROUP JOBS ACCORDING TO TASKS PERFORMED YIELDED 10 JOB CLUSTER GROUPS. THESE 10 GROUPS ARE DESCRIBED IN THE REPORT IN THE FORM OF NARRATIVE JOB DESCRIPTIONS, WITH ADDITIONAL DATA PRESENTED IN TABLES AND IN THE TECHNICAL APPENDIX. INFORMATION IS PROVIDED ABOUT THE PERCENTAGE OF TASKS PERFORMED IN EACH OF NINE MAJOR DUTIES AND THE AVERAGE AMOUNT OF TIME SPENT BY EACH GROUP IN TERMS OF TIME SPENT ON EACH TASK. EACH OF THE NINE MAJOR DUTIES IS DESCRIBED ACCORDING TO THE TASKS INCLUDED. TO ASSESS THE IMPORTANCE OF EACH TASK, SCALES WERE DEVELOPED FOR MEASURING THESE FACTORS: (1) CONSEQUENCES OF INADEQUATE PERFORMANCE, (2) TRAINING PRIORITY, AND (3) TASK LEARNING DIFFICULTY. THE TECHNICAL APPENDIX CONTAINS TABLES DESCRIBING THE DUTIES BY INCLUDED TASKS AND FACTOR RATINGS. (AUTHOR/NJ)

VT 103 315

TEXAS DAY CARE STUDY: JOB DESCRIPTIONS, CAREER PROGRESSION, INDIVIDUAL TRAINING RECORD.

TEXAS UNIV., SAN ANTONIO. DIV. OF EDUCATION.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; OFFICE OF EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

62350191

THE DIVISION OF EARLY CHILDHOOD DEVELOPMENT, TEXAS DEPARTMENT OF COMMUNITY AFFAIRS, P.O. BOX 13166, CAPITOL STATION, AUSTIN, TEXAS 78711.

PUB DATE - FEB76 24P.; RELATED DOCUMENT VT 103 314 IN THIS ISSUE.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*JOB ANALYSIS; \*DAY CARE PROGRAMS; \*CHILD CARE WORKERS; \*PARAPROFESSIONAL SCHOOL PERSONNEL; RECORDS (FORMS); WORKSHEETS; PRESCHOOL TEACHERS IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT CONTAINS 10 JOB DESCRIPTIONS FORMULATED FROM AN ANALYSIS OF THE JOB PERFORMANCE OF 684 WORKERS IN TEXAS DAY CARE CENTERS. FIVE OF THE JOB DESCRIPTIONS ARE TEACHING POSITIONS WHILE THE OTHER FIVE ARE CONSIDERED ADMINISTRATIVE. EACH OF THE JOB DESCRIPTIONS, AS WELL AS THE CAREER PROGRESSION AND INDIVIDUAL TRAINING RECORDS, ARE DEFINED IN TERMS OF THE TASKS PERFORMED UNDER EACH OF NINE MAJOR DUTIES. THE DUTIES ARE DEFINED ACCORDING TO THE NUMBER OF TASKS PERFORMED WHICH ACCOUNT FOR 90 PERCENT OF THE WORK TIME OF THE JOB INCUMBENTS FOR ANY OF THE 10 BASIC JOB DESCRIPTIONS. IN ADDITION TO THE 10 JOB DESCRIPTIONS, THE NINE DUTIES, TOGETHER WITH THE TASKS PERFORMED, ARE FURNISHED IN WORKSHEET FORMAT TO BE USED BY DIRECTORS, SUPERVISORS, OR INDIVIDUALS IN THE DEVELOPMENT OF THE CAREER PROGRESSION PROCESS. PRIMARY TASKS WITHIN EACH OF THE TEACHING CLUSTER GROUPS ARE IDENTIFIED AND AN ADDITIONAL COLUMN IS PROVIDED FOR INDICATING TASKS FOR ANY OTHER JOB CLUSTER GROUP. SPACE IS ALSO PROVIDED WITHIN EACH BOX TO ENABLE THE PARTICIPANT TO INDICATE ACCOMPLISHMENT. (AUTHOR/NJ)

VT 103 316

COOPERATIVE FOLLOW-UP PROJECT OF THE WINDHAM SCHOOL DISTRICT AND THE TEXAS DEPARTMENT OF CORRECTIONS.

TEXAS STATE DEPT. OF CORRECTIONS, HUNTSVILLE. WINDHAM SCHOOL DISTRICT.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

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PUB DATE - 30JUN75 135P.



DESCRIPTORS - \*FOLLOWUP SURVEYS;  
 \*VOCATIONAL FOLLOWUP; \*PRISONERS;  
 \*CORRECTIONAL REHABILITATION;  
 VOCATIONAL EDUCATION

OFFICE OF EDUCATION (DHEW),  
 WASHINGTON, D.C.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 2.  
 PUB DATE - ND 41P.

ABSTRACT - THE REPORT CONTAINS THE RESULTS OF THE SECOND YEAR OF AN INDEPTH EVALUATION OF THE VOCATIONAL TRAINING OFFERED TO INMATES OF THE TEXAS DEPARTMENT OF CORRECTIONS. PERSONAL INTERVIEWS WERE HELD WITH RANDOM SAMPLES OF THREE TREATMENT GROUPS FROM THE INMATES RELEASED DURING THE CALENDAR YEAR 1973. ONE GROUP WERE GRADUATES OF THE WINDHAM SCHOOL DISTRICT VOCATIONAL TRAINING COURSES; OTHERS WERE GRADUATES OF OTHER VOCATIONAL TRAINING OR A WORK FURLOUGH PROGRAM; AND THE FOURTH GROUP, WITH NO VOCATIONAL TRAINING, SERVED AS A CONTROL. RESPONSE FROM THE FORMER INMATES WAS LOW, WITH ONLY 63 INTERVIEWS CONDUCTED. AN ADDITIONAL 24 INTERVIEWS WERE OBTAINED WITH REINCARCERATED SUBJECTS. BASED ON RESULTS OF THE SURVEY, THE RECOMMENDATIONS OFFERED INCLUDE: (1) PLACING THE RELEASED OFFENDER IN A JOB RELATED TO HIS TRAINING, (2) CONTINUING EVALUATION OF THE VOCATIONAL TRAINING PROGRAMS OFFERED, AND (3) INSTRUCTION IN AREAS RELATED TO EMPLOYMENT, SUCH AS MONEY MANAGEMENT AND INTERPERSONAL DEVELOPMENT. A BIBLIOGRAPHY, THE SURVEY INSTRUMENT, AND CORRESPONDENCE ARE INCLUDED. PART II OF THE REPORT, DESCRIBES THE METHODOLOGY OF THE FOLLOWUP PROGRAM AND PRESENTS A COMPARISON OF THE RESULTS OF THE 1973 AND 1974 SURVEYS. (RG)

DESCRIPTORS - \*PHYSICALLY HANDICAPPED; \*HANDICAPPED STUDENTS; \*SPECIAL SERVICES; \*NEEDS ASSESSMENT; AREA VOCATIONAL SCHOOLS; FACILITY GUIDELINES; FACILITY PLANNING; VOCATIONAL REHABILITATION; \*POST SECONDARY EDUCATION  
 IDENTIFIERS - TEXAS

ABSTRACT - THIS REPORT DESCRIBES PHASE I OF A PROJECT TO DEVELOP AND IMPLEMENT A COORDINATED PROGRAM OF SUPPORTIVE SERVICES FOR PHYSICALLY HANDICAPPED STUDENTS IN TEXAS POSTSECONDARY INSTITUTIONS. DURING PHASE I, PROJECT ACTIVITIES CENTERED UPON THE TYPES AND SCOPE OF INDIVIDUALIZED SERVICES NEEDED, THE AVAILABILITY AND COST OF THESE SERVICES, THE IDENTIFICATION AND ASSESSMENT OF ADULTS IN NEED OF THE SERVICES, AND THE IDENTIFICATION OF THE PHYSICAL AND PSYCHOLOGICAL BARRIERS EXTANT AT MCLENNAN COMMUNITY COLLEGE WHICH INHIBIT THE ENROLLMENT AND SUCCESS OF PHYSICALLY HANDICAPPED STUDENTS. THE REPORT INCLUDES DESCRIPTIONS OF THE FOLLOWING ACTIVITIES: IDENTIFICATION AND VISITATION OF EXEMPLARY PROGRAMS WITH SUPPORTIVE SERVICES WITHIN THE U.S.; A SURVEY OF THE STATUS OF PROGRAMS WITH SUPPORTIVE SERVICES IN TEXAS POSTSECONDARY INSTITUTIONS; A SURVEY OF KEY SUPPORTIVE SERVICES FOR PHYSICALLY LIMITED STUDENTS POTENTIALLY AVAILABLE LOCALLY; THE IDENTIFICATION OF PSYCHOLOGICAL AND PHYSICAL BARRIERS ON CAMPUS; A SURVEY OF SUGGESTIONS FOR IDENTIFICATION AND RECRUITMENT OF STUDENTS; AND A LISTING OF THE TYPES OF REQUISITE SUPPORTIVE SERVICES. APPENDED TO THE REPORT ARE THE PROCEDURES AND POLICIES ESTABLISHED BY THE TEXAS STATE BUILDING COMMISSION TO INSURE BARRIER-FREE PUBLIC BUILDINGS. (AUTHOR/MJ)

VT 103 317  
 MC CLANAHAN, RUBY F.; HASTINGS, CHESTER R.  
 THE DEVELOPMENT OF INDIVIDUALIZED SUPPORTIVE SERVICES FOR PHYSICALLY AND SENSORIALLY LIMITED ADULTS AT A POST-SECONDARY AREA VOCATIONAL SCHOOL. PHASE I.

TEXAS EDUCATION AGENCY, AUSTIN.  
 DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; MCLENNAN COMMUNITY COLL., WACO, TEX.

## VT 103 318

COMMUNITY COLLEGE AND LOCAL RURAL  
SECONDARY SCHOOLS COOPERATIVE  
CAREER ASSESSMENT AND EXPLORATION  
PROGRAM. FINAL REPORT.

DES MOINES AREA COMMUNITY COLL.,  
ANKENY, IOWA.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

DEG-0-74-1739

PUB DATE - ND 24P.;

APPENDIXES B AND C CONTAINING OVIS  
INTEREST SCALE CLASSIFICATIONS AND  
AN OVIS PROFILE CHART WITH  
ACCOMPANYING DIRECTIONS WERE NOT  
REPRODUCIBLE AND WERE REMOVED. THEY  
ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP;  
\*PROGRAM EVALUATION; \*CAREER  
EDUCATION; \*MOBILE EDUCATIONAL  
SERVICES; SECONDARY EDUCATION;  
RURAL SCHOOLS; COMPARATIVE ANALYSIS  
IDENTIFIERS - DES MOINES AREA  
COMMUNITY COLLEGE DISTRICT; IOWA

ABSTRACT - THIS REPORT SUMMARIZES  
THE FOLLOWUP AND EVALUATION  
COMPONENT OF A PROJECT TO ESTABLISH  
AND ASSESS THE EFFECT OF A MOBILE  
CAREER EXPLORATION CENTER IN THE  
RURAL SCHOOL SYSTEMS OF THE DES  
MOINES AREA COMMUNITY COLLEGE  
DISTRICT. THE EXPERIMENTAL GROUP OF  
223 STUDENTS WHO PARTICIPATED IN  
THE CAREER EXPLORATION PROGRAM WAS  
COMPARED WITH A CONTROL GROUP OF  
100 STUDENTS. DATA COLLECTION  
INCLUDED THE USE OF THE OHIO  
VOCATIONAL INVENTORY SURVEY,  
PROJECT STAFF SUMMARIES OF EACH  
STUDENT'S INVOLVEMENT IN CAREER  
EXPLORATION ACTIVITIES, AND A  
FOLLOWUP SURVEY. FACTORS INCLUDED  
IN THE EVALUATION WERE: (1)  
CORRELATION OF JOB SELECTION OR  
EDUCATIONAL PROGRAM SELECTION WITH  
THE ASSESSMENT PROCESS; (2) JOB OR  
EDUCATIONAL PROGRAM CHANGES WITHIN  
SIX MONTHS OF GRADUATION; (3)  
RELATIONSHIP OF STATED VOCATIONAL  
GOALS WITH APTITUDE TEST RESULTS;  
AND (4) RELATIONSHIP OF APTITUDE  
TEST RESULTS AND AREAS EXPLORED FOR  
THE EXPERIMENTAL GROUP. FINDINGS

INDICATED THAT PARTICIPANTS TENDED  
TO ENTER POSTSECONDARY EDUCATION AT  
A SUBSTANTIALLY HIGHER RATE THAN  
CONTROLS, THE RATE OF ENTERING THE  
SAME AREA OF EMPLOYMENT OR  
CONTINUING EDUCATION AS STATED  
OCCUPATIONAL PREFERENCE WAS NEARLY  
EQUAL FOR THE TWO GROUPS AND WAS  
MUCH HIGHER THAN THE RATE FOR THE  
HIGHEST INTEREST SCORE OUTCOMES,  
AND PARTICIPANTS HAD A LESSER  
TENDENCY TO SWITCH EDUCATIONAL  
PROGRAM ENROLLMENT OR EMPLOYMENT  
WITHIN SIX MONTHS OF GRADUATION.  
THE ANNUAL REPORT SUMMARIZING THE  
DEMONSTRATION COMPONENT OF THE  
PROJECT IS APPENDED. (AUTHOR/NJ)

## VT 103 319

GUTCHER, DALE G.

A STUDY OF STRUCTURED AND NON-  
STRUCTURED WORK EXPERIENCE PROGRAMS  
IN TEXAS. FINAL REPORT.

TEXAS A AND M RESEARCH FOUNDATION,  
COLLEGE STATION.  
NATIONAL CENTER FOR EDUCATIONAL  
RESEARCH AND DEVELOPMENT (DHEW/OE),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

DEG-0-74-1707

PUB DATE - MAR76 80P.; PAGE 22  
WAS NOT REPRODUCIBLE AS IT APPEARED  
IN THE ORIGINAL DOCUMENT AND WAS  
RETYPE AT THE CENTER FOR  
VOCATIONAL EDUCATION.

DESCRIPTORS - \*WORK EXPERIENCE  
PROGRAMS; \*COMPARATIVE ANALYSIS;  
\*TASK PERFORMANCE; \*PROGRAM  
EVALUATION; \*COOPERATIVE EDUCATION;  
VOCATIONAL EDUCATION; TASK  
ANALYSIS; COMMUNITY COLLEGES;  
NATIONAL COMPETENCY TESTS

ABSTRACT - THIS STUDY SOUGHT TO  
COMPARE THE RELATIVE VALUES OF THE  
STRUCTURED AND UNSTRUCTURED  
APPROACHES TO THE WORK EXPERIENCE  
PORTION OF COOPERATIVE EDUCATION  
PROGRAMS WITH THE ADDITIONAL  
OBJECTIVE OF PREPARING GUIDELINES  
FOR DEVELOPING THE STRUCTURE OF A  
WORK EXPERIENCE. A TOTAL OF 32  
STUDENTS, 16 EXPERIMENTAL AND 16  
CONTROL, FROM FOUR TEXAS COMMUNITY  
COLLEGES PARTICIPATED IN THE STUDY.

FOUR OCCUPATIONS FOR WHICH THE NATIONAL OCCUPATIONAL COMPETENCY TESTING INSTITUTE (NOCTI) HAD PREPARED EXAMINATIONS WERE SELECTED. COMPETENCIES WERE IDENTIFIED FOR EACH OCCUPATION AND THE WORK EXPERIENCE WAS STRUCTURED, BASED PRIMARILY ON THE IDENTIFIED COMPETENCIES. ALL STUDENTS WERE ADMINISTERED THE APPROPRIATE NOCTI TEST AS A PRETEST AND ASSIGNED TO TRAINING STATIONS, WHERE CONTROL STUDENTS PARTICIPATED IN A TRADITIONAL UNSTRUCTURED WORK EXPERIENCE AND EXPERIMENTAL STUDENTS PARTICIPATED IN A WORK EXPERIENCE STRUCTURED AROUND THE OCCUPATIONAL COMPETENCIES. AT THE END OF FOUR MONTHS ALL STUDENTS WERE ADMINISTERED THE NOCTI EXAMINATION AS A POSTTEST. THE CONCLUSION IS THAT A MORE STRUCTURED APPROACH IS MORE EFFECTIVE IN TEACHING OCCUPATIONAL COMPETENCIES SINCE STUDENTS RECEIVE OCCUPATIONAL KNOWLEDGE AT A HIGHER, MORE CONSISTENT LEVEL. LISTS OF PRELIMINARY COMPETENCIES ARE APPENDED FOR AIR CONDITIONING AND REFRIGERATION, PRINTING TRADES, DRAFTING, AND AUTO MECHANICS. (AUTHOR/NJ)

VT 103 320

PESTLE, RUTH

A ROLE MODEL APPROACH TO JOB TRANSITION FOR DISADVANTAGED COOPERATIVE HOME ECONOMICS STUDENTS. FINAL REPORT.

OKLAHOMA STATE UNIV., STILLWATER, DIV. OF HOME ECONOMICS.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

OFG-0-74-1711

PUB DATE - APR76 127P.; APPENDIX D CONTAINING AN EXAMPLE OF NEWSPAPER PUBLICITY WAS NOT REPRODUCIBLE AND WAS REMOVED. IT IS NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS -- VOCATIONAL EDUCATION; \*DISADVANTAGED YOUTH; \*OCCUPATIONAL HOME ECONOMICS; \*COOPERATIVE EDUCATION; \*VOCATIONAL ADJUSTMENT; ROLE MODELS; SECONDARY EDUCATION

IDENTIFIERS - TULSA; OKLAHOMA CITY; OKLAHOMA

ABSTRACT - THIS REPORT CONTAINS A DESCRIPTION OF A PILOT PROJECT TO IMPLEMENT A ROLE-MODEL APPROACH TO JOB TRANSITION FOR DISADVANTAGED COOPERATIVE HOME ECONOMICS STUDENTS IN TULSA AND OKLAHOMA CITY, OKLAHOMA. FROM JULY 1974 TO JANUARY 1976, 21 STUDENTS IN FOUR URBAN HIGH SCHOOLS WERE MATCHED WITH ROLE MODELS ON THE JOB. SIXTEEN OF THESE STUDENTS RETAINED THEIR JOBS. THE MATCHES INCLUDED MANY DIFFERENT COMBINATIONS OF PEOPLE OF DIFFERENT AGES, RACES, AND SEXES. A DESCRIPTION OF THE STRATEGIES, BENEFITS, AND PROBLEMS ENCOUNTERED DURING THE MATCHING PROCESS IS INCLUDED IN THE REPORT. THE STUDENTS EXPRESSED INCREASED SELF-CONFIDENCE AND SATISFACTION WITH SUPERVISION. EMPLOYERS SAW GAINS IN STUDENTS' SUITABILITY FOR THE JOB, ACCEPTANCE OF SUPERVISION, AND ATTITUDES TOWARD THE PUBLIC. ALL EMPLOYERS PLANNED TO CONTINUE THE MATCHING PROCESS AFTER THE RESEARCH ENDED. ROLE MODELS EXPRESSED SATISFACTION WITH THEIR PARTICIPATION AND DISAPPOINTMENT WHEN A STUDENT QUIT A JOB. THE PROBLEMS INCURRED INCLUDED A SCARCITY OF JOBS, EMPLOYER RELUCTANCE TO HIRE DISADVANTAGED STUDENTS, UNAVAILABILITY OF STUDENTS FOR WORK AT HOURS WHEN NEEDED, NEED TO KEEP RACIAL BALANCE IN BUSINESSES, AND LACK OF TRANSPORTATION. CASE STUDIES OF PARTICIPATING STUDENTS; PROJECT EVALUATIONS FROM TEACHER-COORDINATORS, EMPLOYERS, AND ROLE MODELS; AND TABULAR DATA SUMMARIES PROVIDE ADDITIONAL INFORMATION. (AUTHOR/AB)

VT 103 321

DRAKE, JAMES BOB

HEALTH OCCUPATIONS FOLLOW-UP. FOLLOW-UP OF 1973-74 HEALTH OCCUPATIONS TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS OF ALABAMA. RESEARCH AND DEVELOPMENT REPORT NO. 27.

AUBURN UNIV., ALA. OCCUPATIONAL



RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

RD-27

PUB DATE - AUG75 70P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*HEALTH OCCUPATIONS;  
\*VOCATIONAL FOLLOWUP; \*STATE  
SURVEYS; \*SECONDARY EDUCATION;  
\*VOCATIONAL EDUCATION;  
\*OCCUPATIONAL SURVEYS  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 HEALTH  
OCCUPATIONS TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. A TOTAL OF 269  
STUDENT TERMINEES WERE MAILED  
QUESTIONNAIRES AFTER BEING OUT OF  
SCHOOL APPROXIMATELY SEVEN TO EIGHT  
MONTHS. RETURNS WERE RECEIVED FROM  
111 (41.3 PERCENT) OF THE HEALTH  
OCCUPATIONS TERMINEES. DATA ARE  
PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE ORGANIZED  
ACCORDING TO THESE MAJOR SECTIONS:  
GENERAL INFORMATION ON THE  
TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAMS;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
HEALTH OCCUPATIONS TERMINEES ARE  
APPENDED. (NJ)

VT 103 322

MORGAN, ALICE S.; DRAKE, JAMES BOB  
BUSINESS AND OFFICE EDUCATION  
FOLLOW-UP. FOLLOW-UP OF 1973-74  
BUSINESS AND OFFICE EDUCATION  
TERMINEES FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS OF ALABAMA.  
RESEARCH AND DEVELOPMENT REPORT NO.  
28.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.

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ANNOUNCED IN VOL. 10, NO. 2.

RD-28

PUB DATE - SEP75 123P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*BUSINESS EDUCATION;  
\*OFFICE OCCUPATIONS; \*VOCATIONAL  
FOLLOWUP; \*STATE SURVEYS;  
\*SECONDARY EDUCATION; OCCUPATIONAL  
SURVEYS; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 BUSINESS AND  
OFFICE EDUCATION TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. QUESTIONNAIRES  
WERE MAILED TO 5,209 STUDENT  
TERMINEES APPROXIMATELY SEVEN TO  
EIGHT MONTHS AFTER LEAVING SCHOOL.  
RETURNS WERE RECEIVED FROM 1,981  
(38 PERCENT) OF THE BUSINESS AND  
OFFICE EDUCATION TERMINEES FROM THE  
INITIAL MAILING AND ONE FOLLOWUP.  
DATA ARE PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE SUMMARIES  
ORGANIZED ACCORDING TO THESE MAJOR  
SECTIONS: GENERAL INFORMATION ON  
THE TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAMS;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
1973-74 BUSINESS AND OFFICE  
EDUCATION TERMINEES ARE APPENDED.  
(NJ)

VT 103 323

GROSS, JOHN; DRAKE, JAMES BOB.  
TRADE AND INDUSTRIAL OCCUPATIONS  
FOLLOW-UP. FOLLOW-UP OF 1973-74  
TRADE AND INDUSTRIAL OCCUPATIONS  
TERMINEES FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS OF ALABAMA.  
RESEARCH AND DEVELOPMENT REPORT NO.  
29.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
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RD-29

PUB DATE - SEP75 242P.; RELATED DOCUMENTS VT 103 321 THROUGH VT 103 335 IN THIS ISSUE.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL SURVEYS; \*STATE SURVEYS; \*SECONDARY EDUCATION; VOCATIONAL EDUCATION IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE FINDINGS OF A STATEWIDE FOLLOWUP SURVEY OF 1973-74 TRADE AND INDUSTRIAL OCCUPATIONS TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS OF ALABAMA. QUESTIONNAIRES WERE MAILED TO 6,875 STUDENT TERMINEES APPROXIMATELY SEVEN TO EIGHT MONTHS AFTER LEAVING SCHOOL. RETURNS WERE RECEIVED FROM 1,866 (27.1 PERCENT) OF THE TRADE AND INDUSTRIAL OCCUPATIONS TERMINEES FROM THE INITIAL MAILING AND ONE FOLLOWUP. DATA ARE PRESENTED IN TABLES WITH ACCOMPANYING NARRATIVE SUMMARIES ORGANIZED ACCORDING TO THESE MAJOR SECTIONS: GENERAL INFORMATION ON THE TERMINEES; BASIC INFORMATION RELATED TO THE VOCATIONAL PROGRAMS; BASIC EMPLOYMENT INFORMATION; CONTINUING EDUCATION INFORMATION; AND JOB PLACEMENT INFORMATION. PRESENT AND FIRST JOB TITLES OF THE 1973-74 TRADE AND INDUSTRIAL OCCUPATIONS TERMINEES ARE APPENDED. (NJ)

VT 103 324

DRAKE, JAMES BOB; AND OTHERS FOLLOW-UP OF 1973-74 POST-SECONDARY DATA PROCESSING OCCUPATIONS TERMINEES OF ALABAMA. RESEARCH AND DEVELOPMENT REPORT NO. 30.

AUBURN UNIV., ALA. OCCUPATIONAL RESEARCH AND DEVELOPMENT UNIT. ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. DIV. OF VOCATIONAL EDUCATION AND COMMUNITY COLLEGES. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

RD-30

PUB DATE - NOV75 159P.; RELATED DOCUMENTS VT 103 321 THROUGH VT 103 335 IN THIS ISSUE.

DESCRIPTORS - \*DATA PROCESSING OCCUPATIONS; \*POST SECONDARY EDUCATION; \*STATE SURVEYS; \*OCCUPATIONAL SURVEYS; \*VOCATIONAL FOLLOWUP IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE FINDINGS OF A STATEWIDE FOLLOWUP SURVEY OF 1973-74 POSTSECONDARY DATA PROCESSING OCCUPATIONS TERMINEES FROM THREE JUNIOR COLLEGES AND 12 VOCATIONAL-TECHNICAL INSTITUTES IN ALABAMA. QUESTIONNAIRES WERE MAILED TO 1,201 STUDENT TERMINEES FROM NINE TO 19 MONTHS AFTER LEAVING SCHOOL. RETURNS WERE RECEIVED FROM 470 (39.1 PERCENT) OF THE DATA PROCESSING OCCUPATIONS TERMINEES FROM THE INITIAL MAILING AND TWO FOLLOWUPS. DATA ARE PRESENTED IN TABLES WITH ACCOMPANYING NARRATIVE SUMMARIES ORGANIZED ACCORDING TO THESE MAJOR SECTIONS: GENERAL INFORMATION ON THE TERMINEES; FACILITIES AND EQUIPMENT; BASIC EMPLOYMENT INFORMATION; CONTINUING EDUCATION INFORMATION; AND JOB PLACEMENT INFORMATION. PRESENT AND FIRST JOB TITLES OF THE 1973-74 DATA PROCESSING OCCUPATIONS TERMINEES ARE APPENDED ALONG WITH THE QUESTIONNAIRE AND A SECTION OF STUDENT TERMINEE COMMENTS RECEIVED WITH THE QUESTIONNAIRES. (NJ)

VT 103 325

BURKS, BONNIE J.; DRAKE, JAMES BOB DISTRIBUTIVE EDUCATION OCCUPATIONS FOLLOW-UP. FOLLOW-UP OF 1973-74 DISTRIBUTIVE EDUCATION OCCUPATIONS TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS OF ALABAMA. RESEARCH AND DEVELOPMENT REPORT NO. 31.

AUBURN UNIV., ALA. OCCUPATIONAL RESEARCH AND DEVELOPMENT UNIT. ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. DIV. OF VOCATIONAL EDUCATION AND COMMUNITY COLLEGES. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

RD-31

PUB DATE - SEP75 112P.; RELATED DOCUMENTS VT 103 321 THROUGH VT 103

335 IN THIS ISSUE.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*VOCATIONAL FOLLOWUP;  
\*OCCUPATIONAL SURVEYS; \*STATE  
SURVEYS; \*SECONDARY EDUCATION;  
VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 DISTRIBUTIVE  
EDUCATION OCCUPATIONS TERMINEES  
FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS OF ALABAMA.  
QUESTIONNAIRES WERE MAILED TO 2,400  
STUDENT TERMINEES APPROXIMATELY  
SEVEN TO EIGHT MONTHS AFTER LEAVING  
SCHOOL. RETURNS WERE RECEIVED FROM  
712 (29.7 PERCENT) DISTRIBUTIVE  
EDUCATION OCCUPATIONS TERMINEES  
FROM THE INITIAL MAILING AND ONE  
FOLLOWUP. DATA ARE PRESENTED IN  
TABLES WITH ACCOMPANYING NARRATIVE  
SUMMARIES ORGANIZED ACCORDING TO  
THESE MAJOR SECTIONS: GENERAL  
INFORMATION ON THE TERMINEES; BASIC  
INFORMATION RELATED TO THE  
VOCATIONAL EDUCATION PROGRAM; BASIC  
EMPLOYMENT INFORMATION; CONTINUING  
EDUCATION INFORMATION; AND JOB  
PLACEMENT INFORMATION. PRESENT AND  
FIRST JOB TITLES OF THE 1973-74  
DISTRIBUTIVE EDUCATION OCCUPATIONS  
TERMINEES ARE APPENDED. (NJ)

VT 103 326

MCMATH, JAMES; DRAKE, JAMES BOB  
AGRIBUSINESS OCCUPATIONS FOLLOW-UP.  
FOLLOW-UP OF 1973-74 AGRIBUSINESS  
OCCUPATIONS TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. RESEARCH AND  
DEVELOPMENT REPORT NO. 32.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
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RD-32

PUB DATE - DEC75 118P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP;

\*AGRIBUSINESS; \*OCCUPATIONAL  
SURVEYS; \*SECONDARY EDUCATION;  
\*STATE SURVEYS; VOCATIONAL  
EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT CONTAINS  
FOLLOWUP INFORMATION REGARDING  
1973-74 AGRIBUSINESS OCCUPATIONS  
TERMINEES FROM SECONDARY SCHOOL  
VOCATIONAL PROGRAMS IN ALABAMA. THE  
INFORMATION WAS COLLECTED THROUGH A  
QUESTIONNAIRE SURVEY OF 5,109  
STUDENT TERMINEES WHO HAD BEEN OUT  
OF SCHOOL SEVEN TO EIGHT MONTHS.  
ONE THOUSAND THREE HUNDRED AND  
FIFTY-TWO OF THE TERMINEES  
RESPONDED AFTER THE INITIAL MAILING  
AND ONE FOLLOWUP. INCLUDED IN THE  
REPORT ARE SECTIONS CONVEYING  
GENERAL INFORMATION ABOUT THE  
SURVEY POPULATION, BASIC EMPLOYMENT  
INFORMATION, CONTINUING EDUCATION  
INFORMATION, AND JOB PLACEMENT  
INFORMATION. THE MAJOR PORTION OF  
EACH SECTION CONSISTS OF TABULAR  
DATA SUMMARIES. PRESENT JOB AND  
FIRST JOB TITLES OF THE 1973-74  
AGRIBUSINESS TERMINEES ARE  
APPENDED. (AUTHOR/AB)

VT 103 327

MORGAN, ALICE S.; DRAKE, JAMES BOB  
OCCUPATIONAL HOME ECONOMICS FOLLOW-  
UP. FOLLOW-UP OF 1973-74  
OCCUPATIONAL HOME ECONOMICS  
TERMINEES FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS OF ALABAMA.  
RESEARCH AND DEVELOPMENT REPORT NO.  
33.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
RD-33

PUB DATE - FEB76 76P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*OCCUPATIONAL HOME  
ECONOMICS; \*VOCATIONAL FOLLOWUP;  
\*OCCUPATIONAL SURVEYS; \*SECONDARY  
EDUCATION; \*STATE SURVEYS;  
VOCATIONAL EDUCATION



## IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE FINDINGS OF A STATEWIDE FOLLOWUP SURVEY OF 1973-74 OCCUPATIONAL HOME ECONOMICS OCCUPATIONS TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS IN ALABAMA. QUESTIONNAIRES WERE MAILED TO 1,339 STUDENT TERMINEES APPROXIMATELY SEVEN TO EIGHT MONTHS AFTER LEAVING SCHOOL. RETURNS WERE RECEIVED FROM 474 (33.9 PERCENT) HOME ECONOMICS OCCUPATIONS TERMINEES FROM THE INITIAL MAILING AND ONE FOLLOWUP. DATA ARE PRESENTED IN TABLES WITH ACCOMPANYING NARRATIVE SUMMARIES ORGANIZED ACCORDING TO THESE MAJOR SECTIONS: GENERAL INFORMATION ON THE TERMINEES; BASIC INFORMATION RELATED TO THE VOCATIONAL PROGRAM; BASIC EMPLOYMENT INFORMATION; CONTINUING EDUCATION INFORMATION; AND JOB PLACEMENT INFORMATION. PRESENT AND FIRST JOB TITLES OF THE 1973-74 HOME ECONOMICS OCCUPATIONS TERMINEES ARE APPENDED. (NJ)

## VT 103 328

MORGAN, ALICE S.; DRAKE, JAMES BOB COSMETOLOGY FOLLOW-UP. FOLLOW-UP OF 1973-74 COSMETOLOGY TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS OF ALABAMA. RESEARCH AND DEVELOPMENT REPORT NO. 34.

AUBURN UNIV., ALA. OCCUPATIONAL RESEARCH AND DEVELOPMENT UNIT. ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. DIV. OF VOCATIONAL EDUCATION AND COMMUNITY COLLEGES. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

RD-34

PUB DATE - FEB76 53P.; RELATED DOCUMENTS VT 103 321 THROUGH VT 103 335 IN THIS ISSUE.

DESCRIPTORS - \*COSMETOLOGY; \*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL SURVEYS; \*SECONDARY EDUCATION; VOCATIONAL EDUCATION; STATE SURVEYS IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE FINDINGS OF A STATEWIDE FOLLOWUP SURVEY OF 1973-74 COSMETOLOGY TERMINEES FROM THE SECONDARY SCHOOL

VOCATIONAL PROGRAMS IN ALABAMA. QUESTIONNAIRES WERE MAILED TO 182 STUDENT TERMINEES APPROXIMATELY SEVEN TO EIGHT MONTHS AFTER LEAVING SCHOOL. RETURNS WERE RECEIVED FROM 59 (32.4 PERCENT) COSMETOLOGY TERMINEES FROM THE INITIAL MAILING AND ONE FOLLOWUP. DATA ARE PRESENTED IN TABLES WITH ACCOMPANYING NARRATIVE SUMMARIES ORGANIZED ACCORDING TO THESE MAJOR SECTIONS: GENERAL INFORMATION ON THE TERMINEES; BASIC INFORMATION RELATED TO THE VOCATIONAL PROGRAM; BASIC EMPLOYMENT INFORMATION; CONTINUING EDUCATION INFORMATION; AND JOB PLACEMENT INFORMATION. PRESENT AND FIRST JOB TITLES OF THE 1973-74 COSMETOLOGY TERMINEES ARE APPENDED. (NJ)

## VT 103 329

MORGAN, ALICE S.; DRAKE, JAMES BOB WELDING FOLLOW-UP. FOLLOW-UP OF 1973-74 WELDING TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS OF ALABAMA. RESEARCH AND DEVELOPMENT REPORT NO. 35.

AUBURN UNIV., ALA. OCCUPATIONAL RESEARCH AND DEVELOPMENT UNIT. ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. DIV. OF VOCATIONAL EDUCATION AND COMMUNITY COLLEGES. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

RD-35

PUB DATE - MAR76 57P.; RELATED DOCUMENTS VT 103 321 THROUGH VT 103 335 IN THIS ISSUE.

DESCRIPTORS - \*WELDING; \*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL SURVEYS; \*STATE SURVEYS; \*SECONDARY EDUCATION; VOCATIONAL EDUCATION IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE FINDINGS OF A STATEWIDE FOLLOWUP SURVEY OF 1973-74 WELDING TERMINEES FROM THE SECONDARY SCHOOL VOCATIONAL PROGRAMS IN ALABAMA. QUESTIONNAIRES WERE MAILED TO 469 STUDENT TERMINEES APPROXIMATELY SEVEN TO EIGHT MONTHS AFTER LEAVING SCHOOL. RETURNS WERE RECEIVED FROM 130 (27.7 PERCENT) WELDING TERMINEES FROM THE INITIAL MAILING

AND ONE FOLLOWUP. DATA ARE PRESENTED IN TABLES WITH ACCOMPANYING NARRATIVE SUMMARIES ORGANIZED ACCORDING TO THESE MAJOR SECTIONS: GENERAL INFORMATION ON THE TERMINEES; BASIC INFORMATION RELATED TO THE VOCATIONAL PROGRAM; BASIC EMPLOYMENT INFORMATION; CONTINUING EDUCATION INFORMATION; AND JOB PLACEMENT INFORMATION. PRESENT AND FIRST JOB TITLES OF THE 1973-74 WELDING TERMINEES ARE APPENDED. (NJ)

#### VT 103 330

DAVIS, PAUL D.; DRAKE, JAMES BOB  
CONSUMER HOME ECONOMICS FOLLOW-UP.  
FOLLOW-UP OF 1973-74 CONSUMER HOME  
ECONOMICS TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

RD-36

PUB DATE - MAR76 78P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*CONSUMER EDUCATION;  
\*HOME ECONOMICS EDUCATION;  
\*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL  
SURVEYS; \*SECONDARY EDUCATION;  
STATE SURVEYS; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 CONSUMER HOME  
ECONOMICS TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS IN ALABAMA. QUESTIONNAIRES  
WERE MAILED TO 9,006 STUDENT  
TERMINEES APPROXIMATELY SEVEN TO  
EIGHT MONTHS AFTER LEAVING SCHOOL.  
RETURNS WERE RECEIVED FROM 2,714  
(30.1 PERCENT) CONSUMER HOME  
ECONOMICS TERMINEES FROM THE  
INITIAL MAILING AND ONE FOLLOWUP.  
DATA ARE PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE SUMMARIES  
ORGANIZED ACCORDING TO THESE MAJOR  
SECTIONS: GENERAL INFORMATION ON

THE TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAM;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
1973-74 CONSUMER HOME ECONOMICS  
TERMINEES ARE APPENDED. (NJ)

#### VT 103 331

MORGAN, ALICE S.; DRAKE, JAMES BOB  
MASONRY FOLLOW-UP. FOLLOW-UP OF  
1973-74 MASONRY TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. RESEARCH AND  
DEVELOPMENT REPORT NO. 37.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

RD-37

PUB DATE - MAR76 52P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*MASONRY; \*VOCATIONAL  
FOLLOWUP; \*OCCUPATIONAL SURVEYS;  
\*STATE SURVEYS; \*SECONDARY  
EDUCATION; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 MASONRY TERMINEES  
FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS IN ALABAMA.  
QUESTIONNAIRES WERE MAILED TO 345  
STUDENT TERMINEES APPROXIMATELY  
SEVEN TO EIGHT MONTHS AFTER LEAVING  
SCHOOL. RETURNS WERE RECEIVED FROM  
74 (21.5 PERCENT) MASONRY TERMINEES  
FROM THE INITIAL MAILING AND ONE  
FOLLOWUP. DATA ARE PRESENTED IN  
TABLES WITH ACCOMPANYING NARRATIVE  
SUMMARIES ORGANIZED ACCORDING TO  
THESE MAJOR SECTIONS: GENERAL  
INFORMATION ON THE TERMINEES; BASIC  
INFORMATION RELATED TO THE  
VOCATIONAL PROGRAM; BASIC  
EMPLOYMENT INFORMATION; CONTINUING  
EDUCATION INFORMATION; AND JOB  
PLACEMENT INFORMATION. PRESENT AND  
FIRST JOB TITLES OF THE 1973-74  
MASONRY TERMINEES ARE APPENDED.

NJ)

T 103 332

URKS, BONNIE J.; DRAKE, JAMES BOB  
RAFTING FOLLOW-UP. FOLLOW-UP OF  
1973-74 DRAFTING TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. RESEARCH AND  
DEVELOPMENT REPORT NO. 38.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

D-38

PUB DATE - MAR76 57P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP;  
OCCUPATIONAL SURVEYS; \*DRAFTING;  
STATE SURVEYS; \*SECONDARY  
EDUCATION; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 DRAFTING  
TERMINEES FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS IN ALABAMA.  
QUESTIONNAIRES WERE MAILED TO 422  
STUDENT TERMINEES APPROXIMATELY  
EVEN TO EIGHT MONTHS AFTER LEAVING  
SCHOOL. RETURNS WERE RECEIVED FROM  
169 (39.8 PERCENT) DRAFTING  
TERMINEES FROM THE INITIAL MAILING  
AND ONE FOLLOWUP. DATA ARE  
PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE SUMMARIES  
ORGANIZED ACCORDING TO THESE MAJOR  
SECTIONS: GENERAL INFORMATION ON  
THE TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAM;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
1973-74 DRAFTING TERMINEES ARE  
APPENDED. (NJ)

T 103 333

BURKS, BONNIE J.; DRAKE, JAMES BOB  
AUTOMOBILE MECHANICS FOLLOW-UP.  
FOLLOW-UP OF 1973-74 AUTOMOBILE  
MECHANICS TERMINEES FROM THE

SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. RESEARCH AND  
DEVELOPMENT REPORT NO. 39.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

RD-39

PUB DATE - MAR76 62P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*AUTO MECHANICS;  
\*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL  
SURVEYS; \*STATE SURVEYS; \*SECONDARY  
EDUCATION; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 AUTOMOBILE  
MECHANICS TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS IN ALABAMA. QUESTIONNAIRES  
WERE MAILED TO 930 STUDENT  
TERMINEES APPROXIMATELY SEVEN TO  
EIGHT MONTHS AFTER LEAVING SCHOOL.  
RETURNS WERE RECEIVED FROM 221  
(23.8 PERCENT) OF THE AUTO  
MECHANICS TERMINEES FROM THE  
INITIAL MAILING AND ONE FOLLOWUP.  
DATA ARE PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE SUMMARIES  
ORGANIZED ACCORDING TO THESE MAJOR  
SECTIONS: GENERAL INFORMATION ON  
THE TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAM;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
1973-74 AUTO MECHANICS TERMINEES  
ARE APPENDED. (NJ)

VT 103 334

BURKS, BONNIE J.; DRAKE, JAMES BOB  
AUTOBODY FOLLOW-UP. FOLLOW-UP OF  
1973-74 AUTOBODY TERMINEES FROM THE  
SECONDARY SCHOOL VOCATIONAL  
PROGRAMS OF ALABAMA. RESEARCH AND  
DEVELOPMENT REPORT NO. 40.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.



ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

RD-40

PUB DATE - MAR76 55P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*AUTO BODY REPAIRMEN;  
\*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL  
SURVEYS; \*STATE SURVEYS; \*SECONDARY  
EDUCATION; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 AUTO BODY  
TERMINEES FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS IN ALABAMA.  
QUESTIONNAIRES WERE MAILED TO 295  
STUDENT TERMINEES APPROXIMATELY  
SEVEN TO EIGHT MONTHS AFTER LEAVING  
SCHOOL. RETURNS WERE RECEIVED FROM  
99 (25.1 PERCENT) OF THE AUTO BODY  
REPAIR TERMINEES FROM THE INITIAL  
MAILING AND ONE FOLLOWUP. DATA ARE  
PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE SUMMARIES  
ORGANIZED ACCORDING TO THESE MAJOR  
SECTIONS: GENERAL INFORMATION ON  
THE TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAM;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
1973-74 AUTO BODY REPAIR TERMINEES  
ARE APPENDED. (NJ)

VT 103 335

MORGAN, ALICE S.; DRAKE, JAMES BOB  
TRADE AND INDUSTRIAL OCCUPATIONS  
CO-OPERATIVE FOLLOW-UP. FOLLOW-UP  
OF 1973-74 TRADE AND INDUSTRIAL  
OCCUPATIONS CO-OPERATIVE TERMINEES  
FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS OF ALABAMA.  
RESEARCH AND DEVELOPMENT REPORT NO.  
41.

AUBURN UNIV., ALA. OCCUPATIONAL  
RESEARCH AND DEVELOPMENT UNIT.  
ALABAMA STATE DEPT. OF EDUCATION,  
MONTGOMERY. DIV. OF VOCATIONAL  
EDUCATION AND COMMUNITY COLLEGES.  
MF AND HC AVAILABILITY WILL BE

ANNOUNCED IN VOL. 10, NO. 2.

RD-41

PUB DATE - APR76 201P.; RELATED  
DOCUMENTS VT 103 321 THROUGH VT 103  
335 IN THIS ISSUE.

DESCRIPTORS - \*TRADE AND INDUSTRIAL  
EDUCATION; \*COOPERATIVE EDUCATION;  
\*VOCATIONAL FOLLOWUP; \*OCCUPATIONAL  
SURVEYS; \*SECONDARY EDUCATION;  
STATE SURVEYS; VOCATIONAL EDUCATION  
IDENTIFIERS - ALABAMA

ABSTRACT - THIS REPORT RELATES THE  
FINDINGS OF A STATEWIDE FOLLOWUP  
SURVEY OF 1973-74 TRADE AND  
INDUSTRIAL OCCUPATIONS COOPERATIVE  
TERMINEES FROM THE SECONDARY SCHOOL  
VOCATIONAL PROGRAMS IN ALABAMA.  
QUESTIONNAIRES WERE MAILED TO 2,410  
STUDENT TERMINEES APPROXIMATELY  
SEVEN TO EIGHT MONTHS AFTER LEAVING  
SCHOOL. RETURNS WERE RECEIVED FROM  
753 (31.2 PERCENT) OF THE TRADE AND  
INDUSTRIAL OCCUPATIONS COOPERATIVE  
TERMINEES FROM THE INITIAL MAILING  
AND ONE FOLLOWUP. DATA ARE  
PRESENTED IN TABLES WITH  
ACCOMPANYING NARRATIVE SUMMARIES  
ORGANIZED ACCORDING TO THESE MAJOR  
SECTIONS: GENERAL INFORMATION ON  
THE TERMINEES; BASIC INFORMATION  
RELATED TO THE VOCATIONAL PROGRAM;  
BASIC EMPLOYMENT INFORMATION;  
CONTINUING EDUCATION INFORMATION;  
AND JOB PLACEMENT INFORMATION.  
PRESENT AND FIRST JOB TITLES OF THE  
1973-74 TRADE AND INDUSTRIAL  
OCCUPATIONS COOPERATIVE TERMINEES  
ARE APPENDED. (NJ)

VT 103 336

GROUP VOCATIONAL GUIDANCE PROGRAM.  
FINAL REPORT.

EPD CONSORTIUM C, HOUSTON, TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 83P.;  
APPENDIXES A, E, G, H, J, AND M  
CONTAINING CORRESPONDENCE, SAMPLES  
OF COMPLETED WORKSHOP EVALUATION  
FORMS, AND SAMPLE EXPERIMENTAL  
GROUP EVALUATION FORMS WERE NOT  
REPRODUCIBLE AND WERE REMOVED. THEY  
ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*GROUP GUIDANCE;  
 \*OCCUPATIONAL GUIDANCE; \*WORKSHOPS;  
 \*INTERVIEW PROGRAMS; INSERVICE  
 TEACHER EDUCATION; PROGRAM  
 EVALUATION; PROGRAM DEVELOPMENT;  
 EDUCATIONAL NEEDS; EDUCATIONAL  
 RESEARCH

ABSTRACT - THIS REPORT SUMMARIZES THE ACTIVITIES OF A PROJECT TO IMPLEMENT THE GROUP VOCATIONAL GUIDANCE PROGRAM OF CONSORTIUM C IN TEXAS AND TO RESEARCH AND DEVELOP ADDITIONAL TARGET POPULATIONS. PROJECT OBJECTIVES WERE: (1) TO PROVIDE A CADRE OF PERSONNEL TO ACT AS GROUP GUIDANCE PROGRAM WORKSHOP PRESENTERS AND FOLLOWUP CONSULTANTS; (2) TO PROVIDE WORKSHOPS AND FOLLOWUP ASSISTANCE; (3) TO PROVIDE ORIENTATION AND TRAINING FOR STATE EDUCATIONAL PERSONNEL OUTSIDE THE VOCATIONAL EDUCATION AND GUIDANCE DIVISIONS; AND (4) TO EXPLORE THE RAMIFICATIONS FOR PROGRAM USAGE OUTSIDE THE SECONDARY SCHOOL SETTING. THE REPORT DESCRIBES THE METHODOLOGY DESIGNED TO ACCOMPLISH THESE GOALS AND OBJECTIVES IN THE THREE CATEGORIES OF: (1) ACTIVITIES PERTAINING TO ORIENTING AND INCLUDING EDUCATIONAL SERVICE CENTER PERSONNEL IN THE TRAINING WORKSHOPS; (2) ACTIVITIES PERTAINING TO PRESENTING INITIAL AND FOLLOWUP WORKSHOPS; AND (3) ACTIVITIES PERTAINING TO THE EXPLORATION OF AND EXPERIMENTATION WITH ADDITIONAL TARGET POPULATIONS. INCLUDED IS A DETAILED DISCUSSION OF EXPANSION ACTIVITIES AND FEEDBACK FROM ADULT AND CONTINUING EDUCATION PERSONNEL, SPECIAL EDUCATION STUDENTS, MIGRANT PROGRAM PERSONNEL, AND ELEMENTARY AND MIDDLE SCHOOL STUDENTS. APPENDED TO THE REPORT ARE SUCH PROJECT-RELATED MATERIALS AS CORRESPONDENCE AND THE WORKSHOP SCHEDULE. ALSO APPENDED ARE SUPPLEMENTARY CASES TO THE GROUP GUIDANCE PROGRAM ALONG WITH BASIC LEARNER OUTCOMES FOR THE PROGRAM CASES. (NJ)

VT 103 337  
 MILITARY-CIVILIAN OCCUPATIONAL  
 SOURCE BOOK, FIRST EDITION.

ARMED FORCES VOCATIONAL TESTING  
 GROUP, RANDOLPH AFB, TEX.  
 OFFICE OF THE ASSISTANT SECRETARY  
 OF DEFENSE FOR MANPOWER AND RESERVE  
 AFFAIRS (DOD), WASHINGTON, D.C.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 2.  
 ARMED FORCES VOCATIONAL TESTING  
 GROUP/RDX, UNIVERSAL CITY, TEXAS  
 78148.  
 PUB DATE - JUL75 317P.

DESCRIPTORS - OCCUPATIONAL  
 CLUSTERS; \*OCCUPATIONAL  
 INFORMATION; \*ENLISTED PERSONNEL;  
 \*MILITARY TRAINING; \*ARMED FORCES  
 IDENTIFIERS - DICTIONARY OF  
 OCCUPATIONAL TITLES; DOT

ABSTRACT - THIS PUBLICATION IS DESIGNED TO SERVE AS A SINGLE REFERENCE DOCUMENT FOR ENLISTED MILITARY OCCUPATIONAL INFORMATION. IT CONSISTS PRIMARILY OF JOB STATEMENTS FOR MILITARY SERVICE OCCUPATIONS EQUATED TO THE APPROPRIATE CIVILIAN OCCUPATIONS. THESE JOB STATEMENTS ARE ARRANGED IN NUMERICAL ORDER BY THE "DICTIONARY OF OCCUPATIONAL TITLES" (DOT) SIX-DIGIT CODE AND TABBED INTO TEN OCCUPATIONAL CATEGORIES: PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS; CLERICAL AND SALES OCCUPATIONS; SERVICE OCCUPATIONS; FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS; MACHINE TRADES OCCUPATIONS; BENCH WORK OCCUPATIONS; STRUCTURAL WORK OCCUPATIONS; MISCELLANEOUS OCCUPATIONS; AND MILITARY UNIQUE OCCUPATIONS. THE JOB STATEMENTS AND QUALIFICATION SUMMARIES ARE DEVELOPED UNDER EACH DOT CODE CONTAINING A MILITARY JOB. WHERE MORE THAN ONE SERVICE BRANCH IDENTIFIED A JOB UNDER THE SAME CODE, A COMPOSITE JOB STATEMENT AND QUALIFICATION SUMMARY IDENTIFIES THE COMMON JOB TASKS AND QUALIFICATIONS. INFORMATION IS ALSO PROVIDED ABOUT THE MILITARY, INCLUDING BASIC FACTS ABOUT MILITARY LIFE AND INFORMATION ABOUT ENLISTMENT, TRAINING, PROMOTION, ASSIGNMENT, AND ADVANCED EDUCATIONAL PROGRAMS FOR ALL

BRANCHES OF THE ARMED SERVICES.  
(AUTHOR/NJ)

VT 103 338

KELLEY, S.C.; AND OTHERS  
MANPOWER FORECASTING IN THE UNITED  
STATES: AN EVALUATION OF THE STATE  
OF THE ART.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR HUMAN RESOURCE RESEARCH.  
NATIONAL SCIENCE FOUNDATION,  
WASHINGTON, D.C. DIV. OF SOCIAL  
SYSTEMS AND HUMAN RESOURCES.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
SSH-73-07927-A01

PUB DATE - 75 267P.; PAGES 88,  
184, 202, 210, AND 211 CONTAINING  
DATA IN TABULAR FORM WITH  
ACCOMPANYING NOTES WERE NOT  
REPRODUCIBLE AND WERE REMOVED. THEY  
ARE NOT INCLUDED IN THE PAGINATION.  
APPENDED MATERIALS MAY NOT  
REPRODUCE WELL. BEST COPY  
AVAILABLE.

DESCRIPTORS - \*STATE OF THE ART  
REVIEWS; \*PREDICTIVE MEASUREMENT;  
\*PREDICTIVE VALIDITY; \*MANPOWER  
NEEDS; EMPLOYMENT TRENDS; METHODS;  
PREDICTION; RESEARCH PROJECTS;  
\*EVALUATION

ABSTRACT - THIS STUDY IS AN  
EVALUATION OF THE UTILITY OF  
MANPOWER FORECASTING IN THE UNITED  
STATES AS A BASIS FOR MANPOWER,  
EDUCATION, AND HEALTH POLICY. IT  
EXAMINES THE METHODOLOGY EMPLOYED  
AND THE SCOPE OF ANALYSIS IN 376  
FORECASTS MADE IN THE PERIOD 1965-  
1973. IT ASSESSES THE ADEQUACY OF  
THE THEORETICAL AND EMPIRICAL  
KNOWLEDGE BASE FOR FORECASTING IN  
THREE ANALYTIC AREAS: THE  
FORECASTING OF OUTPUTS, THE  
ESTIMATION OF INPUT REQUIREMENTS,  
AND LIMITATIONS OF OCCUPATIONAL  
CLASSIFICATION SYSTEMS IN  
SPECIFYING THE RELATIONSHIP BETWEEN  
MANPOWER REQUIREMENTS AND SUPPLY  
SYSTEMS. THE STUDY CONCLUDES THAT  
THE MAJOR LIMITATION ON THE CURRENT  
STATE OF THE ART IS CONCEPTUAL AND  
INSTITUTIONAL, AND IMPROVEMENTS IN  
THE KNOWLEDGE BASE ARE NOT  
SUFFICIENT TO POLICY NEEDS. IT

SUGGESTS AN AGENDA OF INSTITUTIONAL  
AND EMPIRICAL RESEARCH FOR THIS  
PURPOSE. APPENDED IS A LISTING OF  
THE 376 DOCUMENTS REVIEWED.  
(AUTHOR/RG)

VT 103 339

RESOURCES FOR R&D: INSTITUTIONAL  
CAPABILITY STATEMENTS OF EIGHTEEN  
CONTRACTORS.

COUNCIL FOR EDUCATIONAL DEVELOPMENT  
AND RESEARCH, WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 110P.

DESCRIPTORS - \*DIRECTORIES;  
\*EDUCATIONAL RESEARCH; \*EDUCATIONAL  
DEVELOPMENT; \*INSTITUTIONS  
IDENTIFIERS - \*COUNCIL FOR  
EDUCATIONAL DEVELOPMENT AND  
RESEARCH; CEDAR

ABSTRACT - THE DIRECTORY PROVIDES A  
DESCRIPTION OF EACH OF THE 18  
MEMBER INSTITUTIONS OF THE COUNCIL  
FOR EDUCATIONAL DEVELOPMENT AND  
RESEARCH, INC. (CEDAR). CREATED IN  
THE 1960'S BY THE FEDERAL  
GOVERNMENT AND LARGELY FUNDED  
THROUGH CONTRACTS AND GRANTS  
ADMINISTERED BY THE DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE,  
THESE INSTITUTIONS MAINTAIN  
MULTIDISCIPLINARY STAFFS AND  
SPECIALIZED FACILITIES FOR DOING  
RESEARCH, DEVELOPMENT, EVALUATION,  
AND TRAINING. THE PARTICULAR FOCUS,  
INTEREST, AND EXPERTISE OF EACH  
INSTITUTION IS PRESENTED. IN  
ADDITION, EACH DISCUSSES ITS OWN  
CAPABILITIES IN TERMS OF RESOURCES,  
STAFF, AND FACILITIES. THEIR  
PARTICULAR RESEARCH AND DEVELOPMENT  
PROCESSES ARE DESCRIBED ALONG WITH  
A LISTING OF INSTITUTIONAL  
ACCOMPLISHMENTS. THE DIRECTORY IS  
INTENDED AS A REFERENCE FOR  
AGENCIES NEEDING THESE KINDS OF  
EDUCATIONAL SERVICES. (AUTHOR/RG)

VT 103 340

PROJECT RACE: RESEARCHED ACTIVITIES  
FOR CAREER EDUCATION. FINAL REPORT.

W. FORD INDEPENDENT SCHOOL  
DISTRICT, TEX.



OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
OEG-0-73-5306  
PUB DATE - 30JUN76 127P.;  
RELATED DOCUMENT VT 103 341 IN THIS  
ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY SECONDARY EDUCATION;  
CAREER AWARENESS; CAREER  
EXPLORATION; \*PROGRAM DESCRIPTIONS;  
JOB PLACEMENT; VOCATIONAL FOLLOWUP  
IDENTIFIERS - \*PROJECT RACE

ABSTRACT - DESCRIBED IN THE REPORT  
ARE THE ACTIVITIES AND  
ACCOMPLISHMENTS OF A THREE-YEAR K-  
12 CAREER EDUCATION PROJECT.  
COMPONENTS OF THE PROJECT WERE  
CAREER AWARENESS (GRADES K-7),  
OCCUPATIONAL INVESTIGATION (GRADE  
8), EXPLORATORY AND EMPLOYABILITY  
SKILLS (GRADES 9-12), GUIDANCE AND  
COUNSELING, AND PLACEMENT AND  
FOLLOWUP. ACCOMPLISHMENTS OF THE  
LAST YEAR OF THE PROJECT INCLUDED  
REVISION OF TEACHER-DEVELOPED  
CURRICULUM GUIDES AND MATERIALS,  
EXPANSION AND REFINEMENT OF THE  
STAFF-DEVELOPED OCCUPATIONAL  
INFORMATION SYSTEM, AND EXPANSION  
OF TWO COMPONENTS TO INCLUDE  
ADDITIONAL GRADES. APPENDIXES (73  
PAGES) INCLUDE RESULTS OF TEACHER  
SURVEYS, A LISTING OF ELEMENTARY  
GUIDANCE MATERIALS, PROJECT FORMS,  
AND MATERIALS FROM A MINICOURSE ON  
EMPLOYABILITY SKILLS FOR HIGH  
SCHOOL STUDENTS. STUDENT HANDOUTS  
FROM THE MINICOURSE CONSIST OF A  
COURSE OUTLINE, SAMPLE FORMS,  
INFORMATION RELATING TO THE JOB  
INTERVIEW, AND A BIBLIOGRAPHY. (RG)

VT 103 341  
BELCHER, MARY H.; AND OTHERS  
EVALUATION OF PROJECT RACE. FINAL  
REPORT.

EDUCATIONAL SERVICES, INC., WACO,  
TEX.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN76 39P.; RELATED  
DOCUMENT VT 103 340 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*STUDENT TESTING; \*PROGRAM  
EVALUATION; PROGRAM DESCRIPTIONS;  
\*TEST RESULTS; ELEMENTARY SECONDARY  
EDUCATION  
IDENTIFIERS - \*PROJECT RACE

ABSTRACT - THE THIRD PARTY  
EVALUATION OF THE K-12 CAREER  
EDUCATION PROJECT FOCUSES ON TEST  
RESULTS OF STUDENTS IN FOUR  
SELECTED GRADES. THE CAREER  
EDUCATION QUESTIONNAIRE WAS  
ADMINISTERED AS A PRETEST IN  
SEPTEMBER 1975 AND AS A POSTTEST IN  
APRIL 1976 TO STUDENTS IN THE THIRD  
AND SIXTH GRADES. NINTH AND TWELFTH  
GRADE STUDENTS WERE GIVEN THE  
CAREER INTEREST AND INFORMATION  
SURVEY DEVELOPED BY TEXAS STATE  
TECHNICAL INSTITUTE AS WELL AS THE  
CAREER MATURITY INVENTORY. ALTHOUGH  
TEST RESULTS WERE NOT AS FAVORABLE  
AS MIGHT BE DESIRED, THE EVALUATORS  
FELT THAT THE PROJECT HAS HAD A  
SIGNIFICANT IMPACT ON GRADES K-12.  
RESULTS OF TEACHER INTERVIEWS  
SHOWED THAT THE TEACHERS HOLD  
POSITIVE ATTITUDES TOWARD CAREER  
EDUCATION AND ACCEPT ITS IMPORTANCE  
IN THE CURRICULUM. THE EVALUATORS  
RECOMMEND THAT STAFF BE MAINTAINED  
TO CONTINUE THE CAREER EDUCATION  
EFFORT. (RG)

VT 103 342  
ELSON, DONALD E.  
VOCATIONAL EDUCATION PROGRAM  
EVALUATION PROJECT. FINAL REPORT.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN76 72P.

DESCRIPTORS - \*EVALUATION METHODS;  
\*SCHOOL VISITATION;  
\*QUESTIONNAIRES; \*PROGRAM  
EVALUATION; \*VOCATIONAL EDUCATION;  
LITERATURE REVIEWS; QUESTION ANSWER  
INTERVIEWS; STATE OF THE ART  
REVIEWS  
IDENTIFIERS - VIRGINIA

**ABSTRACT - THE PURPOSE OF THIS PROJECT WAS TO DETERMINE APPROPRIATE ACTIVITIES FOR VISITATION TEAMS IN THE EVALUATION OF VOCATIONAL EDUCATION PROGRAMS AND TO DEVELOP RELATED GUIDELINES. PROJECT OBJECTIVES WERE TO DETERMINE CURRENT APPROACHES TO THE USE OF VISITATION TEAMS IN EVALUATION, TO DEVELOP AND FIELD TEST THE PROCEDURES AND GUIDELINES FOR USE BY VISITATION TEAMS IN VIRGINIA, AND TO CONTINUE TO EXPAND AND IMPROVE THE ANNUAL LOCAL EVALUATION AS A SELF-EVALUATION PROCEDURE. A REVIEW OF THE LITERATURE WAS CONDUCTED TO DETERMINE THE STATE-OF-THE-ART FROM WHICH PRELIMINARY GUIDES WERE DEVELOPED FOR CONDUCTING ONSITE EVALUATIONS. THE ANNUAL LOCAL EVALUATION GUIDELINES WERE REVISED AND DISTRIBUTED TO ALL SCHOOL DIVISIONS. THE MAJOR PORTION OF THE REPORT CONSISTS OF APPENDIXES WHICH CONTAIN THE PROJECT-DEVELOPED LITERATURE REVIEW FOR ONSITE EVALUATION, THE GENERAL OUTLINE OF ACTIVITIES FOR VISITATION TEAM EVALUATION, THE VISITATION TEAM INTERVIEW GUIDE, AND THE ANNUAL LOCAL EVALUATION PROCEDURES, FORMS, AND GUIDELINES. (NJ)**

**VT 103 343**

**STATEWIDE MASTER PLAN FOR COMMUNITY COLLEGES IN MARYLAND. FISCAL YEARS 1977-1986.**

**MARYLAND STATE BOARD FOR COMMUNITY COLLEGES, ANNAPOLIS.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.**

**PUB DATE - MAY76 225P.**

**DESCRIPTORS - \*STATEWIDE PLANNING; \*COMMUNITY COLLEGES; \*EDUCATIONAL PLANNING; \*EDUCATIONAL TRENDS; \*EDUCATIONAL POLICY; ENROLLMENT PROJECTIONS; ESTIMATED COSTS; EDUCATIONAL FINANCE; EDUCATIONAL FACILITIES; MASTER PLANS; STATE BOARDS OF EDUCATION; COLLEGE PLANNING**

**IDENTIFIERS - MARYLAND**

**ABSTRACT - IN THIS MASTER PLAN FOR COMMUNITY COLLEGES IN MARYLAND, THE**

**LEGAL STRUCTURE AND OPERATIONAL ACTIVITIES OF THE STATE BOARD FOR COMMUNITY COLLEGES ARE DESCRIBED, THE AGENCY'S BUDGETARY REQUIREMENTS ARE SUMMARIZED, AND THE RELATIONSHIP OF THE STATE BOARD AND THE INDIVIDUAL COLLEGES IS NOTED. SYSTEMWIDE ENROLLMENT PROJECTIONS ARE PRESENTED, PROVIDING A BASIS FOR COMMUNITY COLLEGE PROGRAM, BUDGET, AND FACILITIES REQUIREMENTS OVER THE NEXT DECADE. A SYSTEMATIC ANALYSIS IS MADE OF HOW CRITICAL POLICY DECISIONS CAN BE ADDRESSED AND RESOLVED IN A COORDINATED SYSTEM OF 17 LOCALLY-GOVERNED INSTITUTIONS. SIX LONG-RANGE GOALS FOR THE COMMUNITY COLLEGE SYSTEM ARE IDENTIFIED, AND OBJECTIVES ARE SPECIFIED TO HELP MEET THESE GOALS. MAJOR POLICY DIRECTIONS ARE PRESENTED AND A BRIEF OVERVIEW IS PROVIDED OF THE PRESENT STATUS AND FUTURE GROWTH OF THE INDIVIDUAL COLLEGES IN THE AREAS OF ENROLLMENT, PROGRAMS, FACILITIES, AND FINANCE. CURRENT YEAR ENROLLMENT PROJECTIONS HAVE BEEN PREPARED FOR EACH COLLEGE. EVALUATION SYSTEMS UTILIZED BY THE STATE BOARD IN MEASURING PROGRESS TOWARD SELECTED OBJECTIVES ARE DESCRIBED. APPENDIXES CONSIST OF FORMAL CODES, BYLAWS, GUIDELINES, AND PROCEDURES PERTAINING TO THE STATE BOARD. (AUTHOR/NJ)**

**VT 103 344**

**SCHOOL-TO-WORK PROJECT. FINAL REPORT.**

**NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION, WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.**

**PUB DATE - 27FEB76 19P.**

**DESCRIPTORS - \*JOB PLACEMENT; \*PROGRAM DESCRIPTIONS; \*IMPROVEMENT PROGRAMS; \*SECONDARY EDUCATION**

**ABSTRACT - THIS REPORT REVIEWS A PROJECT SPONSORED BY THE NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION TO IMPROVE THE SCHOOL COMPONENT OF THE JOB PLACEMENT PROCESS. PHASE I, CONSISTING OF A**

LITERATURE SEARCH, A SURVEY OF EXISTING JOB PLACEMENT PROGRAMS, AND TECHNICAL ASSISTANCE TO SCHOOLS INITIATING OR EXPANDING JOB PLACEMENT SERVICES, SHOWED THAT SCHOOL-BASED JOB PLACEMENT IS FEASIBLE AND BENEFICIAL AND THAT SPECIFIC ACTIONS CAN BE TAKEN TO STIMULATE THE DIFFUSION OF THE SCHOOL-BASED PLACEMENT CONCEPT. IN THE DEVELOPMENTAL SECOND PHASE, A "PLACEMENT SERVICES TRAINING CURRICULUM MANUAL" WAS DEVELOPED AND TESTED FOR USE IN TRAINING EDUCATION PROFESSIONALS WHO ARE RESPONSIBLE FOR SCHOOL-BASED JOB PLACEMENT. THE MANUAL WAS REVIEWED BY A TOTAL OF OVER 75 EDUCATORS AND GUIDANCE PROFESSIONALS--WHOSE OVERALL EVALUATIONS WERE POSITIVE. BASED ON THEIR REVIEWS, THE MANUAL WAS REVISED AND APPROVED BY THE OFFICE OF EDUCATION IN JANUARY 1976. THE FINAL SEGMENT OF THE PROJECT INVOLVED THE DISSEMINATION OF THE MANUAL AND OTHER PLACEMENT-RELATED MATERIALS TO STATE DEPARTMENTS OF EDUCATION, STATE ADVISORY COUNCILS ON VOCATIONAL EDUCATION, AND OTHER USERS.  
(AUTHOR/NJ)

VT 103 345

ELSON, DONALD F.  
VOCATIONAL EDUCATION MANAGEMENT INFORMATION SYSTEM FOR VIRGINIA (VEMIS-V). FINAL REPORT.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUN76 183P.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP; GRADUATE SURVEYS; \*MANAGEMENT INFORMATION SYSTEMS; \*ADULT VOCATIONAL EDUCATION; GUIDES; RECORDS (FORMS); \*STUDENT RECORDS; \*STUDENT ENROLLMENT; STUDENT CHARACTERISTICS; STATE PROGRAMS IDENTIFIERS - VIRGINIA

ABSTRACT - DESCRIBED IN THE SUMMARY REPORT IS A ONE-YEAR PROJECT TO

IMPROVE AND EXPAND THE VOCATIONAL MANAGEMENT INFORMATION SYSTEM FOR VIRGINIA (VEMIS-V). SEVEN SUBSECTIONS WERE ESTABLISHED TO ACCOMPLISH THIS GOAL, AND RESULTS ARE REPORTED FOR EACH OF THESE OBJECTIVES. AN EVALUATION OF THE VOCATIONAL EDUCATION REPORTING SYSTEM (VERS) FOLLOWED INDICATED THAT THE PROCEDURE AND DATA PROVIDED BY THE SYSTEM ARE MEETING THE NEEDS OF THE LOCAL SCHOOL DIVISIONS. THE TEACHER'S GUIDE FOR 1976 WAS REVISED ACCORDING TO CHANGES MADE IN THE REPORTING FORMS. IT WAS RECOMMENDED THAT THE SYSTEM BE CONTINUALLY EVALUATED AND THAT ADDITIONAL WAYS FOR USING FOLLOWUP DATA TO IMPROVE VOCATIONAL PROGRAMS AT THE LOCAL LEVEL SHOULD BE EXPLORED. APPENDED TO THE REPORT ARE THE REVISED 1975 TEACHER'S GUIDE, THE 1976 TEACHER'S GUIDE, RESULTS OF A SURVEY OF ADMINISTRATORS TO DETERMINE THE ADEQUACY OF THE INFORMATION OBTAINED, AND RESULTS OF STUDENT FOLLOWUP SURVEYS FOR 1973-74 AND 1974-75. THE FOLLOWUP SURVEYS PRESENT INFORMATION ABOUT THE CURRENT STATUS OF FORMER STUDENTS IN SEVEN VOCATIONAL PROGRAMS, AS WELL AS THEIR PERCEPTIONS OF THEIR TRAINING AND THEIR SCHOOL. IN GENERAL, THE DATA SUGGEST THAT THE VOCATIONAL EDUCATION PROGRAMS ARE EFFECTIVE AND THE STUDENTS ARE ABLE TO FIND EMPLOYMENT. (RG)

VT 103 346

THE IMPACT OF WORK TESTS ON THE EMPLOYMENT BEHAVIOR OF WELFARE RECIPIENTS.

BRANDEIS UNIV., WALTHAM, MASS. EMPLOYMENT AND TRAINING ADMINISTRATION (DOL), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
53-25-73-03  
PUB DATE - MAY76 94P.

DESCRIPTORS - \*WELFARE PROBLEMS; \*WELFARE RECIPIENTS; \*UNEMPLOYED; \*JOB APPLICANTS; EMPLOYMENT SERVICES; COMPARATIVE ANALYSIS; SURVEYS; EMPLOYMENT PROBLEMS;



WELFARE SERVICES; MOTIVATION;  
\*OCCUPATIONAL TESTS

ABSTRACT - THIS STUDY SOUGHT TO DETERMINE WHETHER EXISTING WORK TESTS AFFECTED THE PROBABILITY OF WELFARE RECIPIENTS RETURNING TO WORK. THE STUDY IS BASED ON A SURVEY OF 1,660 WELFARE RECIPIENTS, REPRESENTATIVE SAMPLES OF GROUPS RECEIVING BENEFITS AND FOOD STAMPS IN FORT WORTH, MEMPHIS, OMAHA, ROCHESTER, AND SAN DIEGO. THREE PRINCIPAL CONCERNS WERE: (1) DIFFERENTIAL APPLICATION OF WORK TESTS AMONG CITIES AND AMONG TYPES OF INDIVIDUALS, (2) THE INFLUENCE OF THE DIFFERENT WORK TESTS ON JOB SEARCH PATTERNS, AND (3) THE INFLUENCE OF WORK TESTS ON EMPLOYMENT BEHAVIOR. INTER-CITY DIFFERENCES WERE FOUND IN THE APPLICATION OF WORK TESTS. MEN EXPERIENCED MORE PRESSURE THAN WOMEN, AND THOSE WHO LOOKED FOR WORK EXPERIENCED MORE PRESSURE THAN THOSE WHO NEVER LOOKED. FOR FEMALES, NO SIGNIFICANT EFFECT OF THE WORK TEST WAS FOUND IN ANY CITY. FOR MALES, A WEAK TENDENCY TO INCREASE THE PROBABILITY OF RETURNING TO WORK WAS FOUND IN SAN DIEGO WHERE THE WORK TEST WAS ENFORCED MORE STRINGENTLY. HOWEVER, THE EFFECTS WERE NOT STATISTICALLY SIGNIFICANT. THE RESULTS OF THE STUDY PROVIDE A PESSIMISTIC PICTURE OF THE USEFULNESS OF EXISTING WORK TESTS IN ENCOURAGING WELFARE REGISTRANTS TO RETURN TO WORK.  
(AUTHOR/NJ)

VT 103 347

COORDINATED EFFORT FOR CAREER  
EDUCATION. FINAL REPORT.

GRAYSON COUNTY COLL.,

SHERMAN/DENISON, TEX.

OFFICE OF EDUCATION (DHEW),

WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-73-5309

PUB DATE - 01JUL76 190P.

DESCRIPTORS - \*CAREER EDUCATION;  
ELEMENTARY SECONDARY EDUCATION;  
JUNIOR COLLEGES; PROGRAM

DESCRIPTIONS; COUNTY PROGRAMS;  
\*PROGRAM EVALUATION; CAREER  
AWARENESS; CAREER EXPLORATION;  
OCCUPATIONAL GUIDANCE  
IDENTIFIERS - GRAYSON COUNTY; TEXAS

ABSTRACT - DESCRIBED IN THE REPORT ARE THE ACTIVITIES AND ACCOMPLISHMENTS OF A THREE-YEAR K-14 CAREER EDUCATION PROJECT SERVING OVER 21,000 STUDENTS IN 12 INDEPENDENT SCHOOL DISTRICTS, ONE PAROCHIAL SCHOOL, AND A JUNIOR COLLEGE. THE PROJECT WAS COMPOSED OF SIX COMPONENTS: PLANNING AND IMPLEMENTATION, OCCUPATIONAL AWARENESS (K-6), OCCUPATIONAL INVESTIGATION (GRADE 8), CAREER EXPLORATION (GRADES 9-10), INTENSIVE GROUP GUIDANCE FOR HIGH SCHOOL STUDENTS, AND PLACEMENT AND FOLLOWUP. FOR EACH OF THE COMPONENTS, A DESCRIPTION OF THE PROGRAM, GOALS AND OBJECTIVES, STRENGTHS AND WEAKNESSES, AND FUTURE RECOMMENDATIONS ARE PRESENTED. THE THIRD PARTY EVALUATION BY EDUCATIONAL EVALUATIONS AND RELATED SERVICES IS INCLUDED IN THE DOCUMENT. AN ANALYSIS OF EACH COMPONENT'S ACCOMPLISHMENTS IN TERMS OF THE STATED OBJECTIVES PROVIDES A MEASURE OF THE SUCCESS OF THE COMPONENT. RATINGS OF STAFF AND STUDENT ACHIEVEMENTS BY PROJECT STAFF, COUNSELORS, SCHOOL ADMINISTRATORS AND OTHER INVOLVED PERSONNEL ARE PRESENTED. ALTHOUGH THE PROJECT WAS DISCONTINUED AFTER THE THIRD YEAR, SUPERINTENDENTS HAVE MADE APPLICATIONS FOR REGULAR UNITS TO CONTINUE THE EXPLORATION AND INVESTIGATION ACTIVITIES. PROJECT FORMS AND CORRESPONDENCE ARE APPENDED. (RG)

VT 103 348

GOODWIN, MARGARETTE Y.; LEWIS,  
WILEY B.

PROMOTING EDUCATOR CONTRIBUTIONS TO  
COLORADO'S VOCATIONAL EDUCATION  
CURRICULUM MATERIALS DEVELOPMENT  
EFFORTS. INTERIM REPORT: JULY 1,  
1975-DECEMBER 31, 1975.

COLORADO STATE UNIV., FT. COLLINS.  
DEPT. OF VOCATIONAL EDUCATION.;

COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE

ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 31DEC75 41P.; RELATED  
DOCUMENT VT 103 349 IN THIS ISSUE.

DESCRIPTORS - \*WORKSHOPS;  
\*VOCATIONAL EDUCATION;  
\*INSTRUCTIONAL MATERIALS;  
\*CURRICULUM DEVELOPMENT;  
\*VOCATIONAL EDUCATION TEACHERS;  
MATERIAL DEVELOPMENT; SYSTEMS  
APPROACH

ABSTRACT - DESCRIBED IN THE REPORT IS THE CONDUCT OF A WORKSHOP FOR SELECTED VOCATIONAL EDUCATORS TO PROMOTE THE DEVELOPMENT OF MATERIALS THAT WILL HAVE A POSITIVE IMPACT ON COLORADO'S VOCATIONAL EDUCATION PROGRAMS. A TOTAL OF 38 PARTICIPANTS, MOST OF WHOM WERE VOCATIONAL EDUCATION TEACHERS, WERE PROVIDED THE OPPORTUNITY TO BECOME FAMILIAR WITH SEVERAL VARIATIONS OF A SYSTEMS APPROACH TO VOCATIONAL EDUCATION CURRICULUM MATERIALS DEVELOPMENT THROUGH PRESENTATIONS BY FACILITATORS AND ATTENDANCE AT MINISESSIONS FOR SMALL GROUPS. IN AN EIGHT MONTH PERIOD FOLLOWING THE WORKSHOP, PARTICIPANTS WERE TO IMPLEMENT CURRICULUM MATERIALS DEVELOPMENT ACTIVITIES. RESULTS OF A WORKSHOP EVALUATION INDICATED THAT THE REACTION OF THE PARTICIPANTS WAS FAVORABLE. APPENDED ARE THE WORKSHOP BROCHURE, A LIST OF FACILITATORS, A LIST OF PARTICIPANTS, AN AGENDA, AND A SUMMARY OF MINISESSION RESPONSES TO QUESTIONS. (RG)

VT 103 349

GOODWIN, MARGARETTE Y., COMP.;

ALTFEST, MYRA, ED.

PROMOTING EDUCATOR CONTRIBUTIONS TO COLORADO'S VOCATIONAL EDUCATION CURRICULUM MATERIALS DEVELOPMENT EFFORTS: SELECTED PAPERS AND SYNOPSES OF REMARKS PRESENTED AT THE CURRICULUM MATERIALS DEVELOPMENT WORKSHOP. INTERIM REPORT.

COLORADO STATE UNIV.; FT. COLLINS.  
DEPT. OF VOCATIONAL EDUCATION.;  
COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION, DENVER.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - 31DEC75 181P.;  
RELATED DOCUMENT VT 103 348 IN THIS  
ISSUE. MATERIALS PRESENTED DURING  
THE CURRICULUM MATERIALS  
DEVELOPMENT WORKSHOP (COLORADO  
STATE UNIVERSITY, FT. COLLINS,  
NOVEMBER 17-21, 1975). ILLUSTRATIVE  
MATERIALS MAY NOT REPRODUCE WELL.

DESCRIPTORS - \*WORKSHOPS;  
\*CONFERENCE REPORTS; \*CURRICULUM  
DEVELOPMENT; \*INSTRUCTIONAL  
MATERIALS; \*VOCATIONAL EDUCATION;  
MATERIAL DEVELOPMENT; SYSTEMS  
APPROACH

ABSTRACT - THIS IS A COMPILATION OF 13 PAPERS PRESENTED AT A CURRICULUM MATERIALS DEVELOPMENT WORKSHOP FOR VOCATIONAL EDUCATORS. TOPICS INCLUDE THE FOLLOWING: CURRICULUM CONCEPTS, SYSTEMS APPROACHES TO CURRICULUM DEVELOPMENT, IMPLICATIONS OF COPYRIGHT LAWS FOR EDUCATION, ROLES IN CURRICULUM MATERIALS DEVELOPMENT, AND A DESCRIPTION OF THE INSTRUCTIONAL MATERIALS LABORATORY AT THE UNIVERSITY OF MISSOURI-COLUMBIA. THE SPEAKERS, OR WORKSHOP FACILITATORS, WERE FROM COLORADO, WASHINGTON, D.C., AND FIVE OTHER STATES. THEIR NAMES AND THE WORKSHOP AGENDA ARE APPENDED. (RG)

VT 103 350

COMPETENCY-BASED WORK  
EXPERIENCE/EXPLORATION CONTRACT  
PROGRAM. FINAL REPORT.

LOS ANGELES UNIFIED SCHOOL  
DISTRICT, CALIF.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

OEG-0-74-1674

PUB DATE - 28MAY76 362P.; THE

APPENDIX SECTION OF THIS DOCUMENT  
IF OF MARGINAL REPRODUCIBILITY.  
BEST COPY AVAILABLE.

DESCRIPTORS - \*WORK EXPERIENCE  
PROGRAMS; \*RESEARCH PROJECTS;  
SECONDARY EDUCATION; JOB  
DESCRIPTIONS; \*PROGRAM EVALUATION;  
QUESTIONNAIRES; SCHOOL DISTRICTS;  
SCHOOL SURVEYS; \*JOB SKILLS;  
\*SCHOOL COMMUNITY RELATIONSHIP

ABSTRACT - DETAILED IN THIS REPORT  
IS A RESEARCH STUDY TO DEVELOP AND  
PILOT TEST 60 COMPETENCY-BASED WORK  
EXPERIENCE/EXPLORATION CONTRACT  
MODELS APPROPRIATE FOR SECONDARY  
SCHOOL STUDENTS. OBJECTIVES WERE  
TO: (1) DESIGN A VARIETY OF WORK  
EXPERIENCES IN CONCERT WITH  
BUSINESS, INDUSTRY, GOVERNMENT  
AGENCIES, AND CIVIC ORGANIZATIONS;  
(2) DETERMINE WHICH FACTORS LEAD TO  
THE SATISFACTION OF STUDENTS,  
EMPLOYERS, AND SCHOOL PERSONNEL;  
(3) DETERMINE THE COST OF  
IMPLEMENTING THE MODEL; AND (4)  
SUGGEST PROCEDURES FOR LARGE-SCALE  
IMPLEMENTATION OF CAREER TRAINING.  
FIFTY-EIGHT STUDENTS FROM FIVE HIGH  
SCHOOLS WERE PLACED IN 52 DIFFERENT  
POSITIONS WITH 33 PARTICIPATING  
EMPLOYERS. THE MAJORITY WERE  
TRAINED ON A SCHEDULE OF TWO OR  
THREE DAYS A WEEK FOR TWO TO THREE  
HOURS AND RECEIVED HIGH SCHOOL  
CREDIT. PRETEST AND POSTTEST  
QUESTIONNAIRE SURVEYS OF STUDENTS,  
THEIR IMMEDIATE TRAINING  
SUPERVISORS, AND THE SCHOOL  
COORDINATOR PROVIDE INFORMATION FOR  
EVALUATION OF THE PROGRAM, AND THIS  
DATA CONSTITUTES THE MAJOR PORTION  
OF THE DOCUMENT. ALL STUDENT  
RESPONDENTS EVALUATED THE PROGRAM  
AS BEING "VERY SATISFACTORY" OR  
"SATISFACTORY." EMPLOYERS GENERALLY  
FELT THAT A LONGER PLACEMENT,  
BETTER COUNSELING, AND BETTER  
SCREENING PROCEDURES WOULD BE  
HELPFUL. THE DOCUMENT INCLUDES A  
LISTING OF 32 JOB DESCRIPTIONS FOR  
THE TRAINING POSITIONS, SURVEY  
INSTRUMENTS AND RESPONSES, NAMES OF  
THE PARTICIPATING EMPLOYERS, AND AN  
EVALUATION SUMMARY REPORT. (RG)

VT 103 351

EMPLOYMENT BY INDUSTRY IN OHIO  
COUNTIES, 1940-1970.

OHIO BUREAU OF EMPLOYMENT SERVICES,  
COLUMBUS. DIV. OF RESEARCH AND  
STATISTICS.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - JUN76 95P.

DESCRIPTORS - \*TABLES (DATA);  
\*EMPLOYMENT STATISTICS; CENSUS  
FIGURES  
IDENTIFIERS - \*OHIO

ABSTRACT - THESE 89 TABLES PRESENT  
TOTAL EMPLOYMENT IN OHIO (CIVILIAN  
AND MILITARY) AND IN EACH OF ITS 88  
COUNTIES FROM 1940 TO 1970 AS  
TABULATED BY THE BUREAU OF CENSUS.  
EACH TABLE INDICATES THE NUMBER  
EMPLOYED AND THE PERCENT OF THE  
TOTAL EMPLOYED FOR 1940, 1950,  
1960, AND 1970 IN THE FOLLOWING  
INDUSTRIES: AGRICULTURE, FORESTRY,  
AND FISHERIES; MINING; CONTRACT  
CONSTRUCTION; MANUFACTURING;  
TRANSPORTATION AND UTILITIES;  
WHOLESALE AND TRADE; FINANCE,  
INSURANCE, AND REAL ESTATE;  
SERVICES; PUBLIC ADMINISTRATION;  
AND ARMED FORCES. IN OHIO AS A  
WHOLE, TOTAL EMPLOYMENT INCREASED  
30.8 PERCENT FROM 1940 TO 1950,  
14.8 PERCENT FROM 1950-1960, AND  
17.1 PERCENT FROM 1960 TO 1970, AN  
OVERALL GAIN OF 75.9 PERCENT FROM  
1940 TO 1970. SIX INDUSTRIES SHOWED  
ABSOLUTE DECLINE: AGRICULTURE,  
MINING, TEXTILE MILL PRODUCTS,  
APPAREL, RAILROAD TRANSPORTATION,  
AND PRIVATE HOUSEHOLDS.  
AGRICULTURE, FORESTRY, AND  
FISHERIES; MINING; CONTRACT  
CONSTRUCTION; MANUFACTURING; AND  
TRANSPORTATION AND UTILITIES  
DECLINED IN THEIR RELATIVE SHARES  
OF TOTAL EMPLOYMENT FROM 1950,  
WHILE THE REMAINING SECTORS  
INCREASED THEIR RELATIVE SHARES.  
(AUTHOR/NJ)

VT 103 352

THORESEN, CARL E.; EWART, CRAIG K.  
CAREERS, COUNSELING, AND CONTROL.

MF AND HC AVAILABILITY WILL BE  
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DESCRIPTORS - \*VOCATIONAL DEVELOPMENT; \*RESEARCH; \*RESEARCH NEEDS; \*CAREER CHOICE; \*VOCATIONAL COUNSELING; DECISION MAKING

ABSTRACT - THIS PAPER DESCRIBES AND ANALYZES CURRENT RESEARCH IN CAREER DEVELOPMENT, SUGGESTS FURTHER ISSUES FOR INVESTIGATION, AND OFFERS RECOMMENDATIONS FOR RESEARCH BASED ON SOCIAL LEARNING THEORY AND SELF-CONTROL TECHNIQUES WHICH WOULD RESULT IN A SELF-MANAGEMENT APPROACH TO CAREER DECISIONS. A DECISIONMAKING MODEL OF CAREER CHOICE SIMILAR TO THE SCIENTIFIC METHOD IS PRESENTED WITH SUGGESTIONS FOR COUNSELOR IMPLEMENTATION. FROM THE VIEWPOINT OF THE COUNSELOR'S ROLE AS ONE OF HELPING CLIENTS TO ENGINEER THEIR OWN DECISIONS, SOME PRACTICAL KNOWLEDGE REQUIREMENTS ARE IDENTIFIED AS GUIDES TO NEEDED RESEARCH. THE KINDS OF QUESTIONS AND METHODS CURRENTLY PURSUED IN CAREER RESEARCH ARE BRIEFLY REVIEWED AND THEIR LIMITATIONS AND POSSIBILITIES ARE EXAMINED. THE CAREER DEVELOPMENT THEORIES OF HOLLAND AND SUPER ARE DESCRIBED ALONG WITH TYPICAL RESEARCH QUESTIONS, METHODS, AND OVERALL RESULTS. THE SOCIAL LEARNING MODEL OF CAREER SELECTION FORMULATED BY KRUMBOLTZ IS OUTLINED WITH SUGGESTIONS FOR COUNSELOR IMPLEMENTATION AND RESEARCH POSSIBILITIES. AS A CONCEPTUAL BASIS FOR EXPERIMENTAL STUDIES ON CAREER RELEVANT BEHAVIOR, A SELF-CONTROL FRAMEWORK IS PROPOSED AND THE FOUR AREAS OF COMMITMENT, AWARENESS, ENVIRONMENT, AND CONSEQUENCES ARE DISCUSSED AS EACH RELATES TO CAREER ISSUES. A DISCUSSION OF RESEARCH NEEDS POSES QUESTIONS ABOUT SELF-CONTROL TECHNIQUES WHICH MERIT FURTHER INVESTIGATION. (NJ)

AN ANALYSIS OF VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT POLICIES FROM THREE PERSPECTIVES: MISSION, PROGRAM, AND INFLUENCE, 1963 TO 1974.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 07JUL75 32P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL EDUCATION; RESEARCH UTILIZATION; \*RESEARCH PROBLEMS; \*STATE OF THE ART REVIEWS; \*EDUCATIONAL RESEARCH; \*EDUCATIONAL POLICY

ABSTRACT - PRIOR TO AN ANALYSIS OF VOCATIONAL RESEARCH AND DEVELOPMENT DURING THE LAST DECADE, AN OVERVIEW OF EDUCATIONAL RESEARCH AND DEVELOPMENT IN GENERAL AND ITS RELATIONSHIP TO SOCIETY AND SOCIETAL CHANGES IS PRESENTED. THE WRITER'S PERSPECTIVE IS OFFERED AS AN EDUCATIONAL ADMINISTRATOR, A FEDERAL PROGRAM ADMINISTRATOR, A CONSULTANT TO LOCAL SCHOOL DISTRICTS, AND PROFESSOR. LEGISLATIVE AND ADMINISTRATIVE POLICIES ARE REVIEWED AND OBJECTIVES OF THE OFFICE OF EDUCATION FOR VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT ARE DISCUSSED. AN ANALYSIS IS MADE OF VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT PROGRAM GOALS ADDRESSING THE QUESTIONS OF PRIORITIES, PRIORITY ESTABLISHMENT, PROBLEMS, VOIDS, AND SUSTAINED INQUIRY. ALSO DISCUSSED IS THE IMPACT OF FEDERAL POLICY AND FUNDING FOR VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT ON STATE ORGANIZATION, STATE ADMINISTRATION, STATE POLICY, STATE PRIORITIES, AND STATE PROGRAM AND PROJECT FUNDING. SEVERAL SPECIFIC CONCLUSIONS ARE OFFERED TO SUPPORT THE POSITION THAT VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT HAS NOT CAUSED MAJOR CHANGES IN EDUCATION TO ANY GREAT DEGREE. RECOMMENDATIONS INCLUDE SPECIFIC PROCEDURES AND PROCESSES FOR APPLICATION OF RESEARCH AND DEVELOPMENT,

DISSEMINATION OF RESULTS TO POLICY MAKERS AND ADMINISTRATORS, AND GREATER EXPENDITURE FOR DISSEMINATION OF EVALUATED RESULTS. (NJ)

VT 103 354

HU, TEH-WEI; STROMSDORFER, ERNST W. AN ANALYSIS OF THE IMPACT OF APPLIED RESEARCH AND DEMONSTRATION PROJECTS IN VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - JUL75 52P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*DEMONSTRATION PROJECTS; \*RESEARCH UTILIZATION; \*RESEARCH PROBLEMS; \*EVALUATION CRITERIA; \*STATE OF THE ART REVIEWS; RESEARCH METHODOLOGY; EDUCATIONAL RESEARCH

ABSTRACT - THE MAJOR TASK OF THIS PAPER IS TO EVALUATE THE ACTUAL IMPACT OF RESEARCH AND DEMONSTRATION PROJECTS IN VOCATIONAL EDUCATION. CRITERIA FOR A RELIABLE RESEARCH DESIGN ARE SPECIFIED REGARDING SAMPLE SIZE, SAMPLE SELECTION, CONTROL GROUPS, AND ECONOMIC AND EDUCATIONAL BENEFIT AND COST EVALUATION. THE IMPACT OF RESEARCH AND DEMONSTRATION PROJECTS IS ANALYZED IN THE AREAS OF CURRICULUM, TEACHER EDUCATION, LEARNING PROCESSES, CAPITAL EQUIPMENT AND FACILITIES, SUPPORTIVE SERVICES, AND INNOVATIVE INPUT COMBINATIONS. THE ACTUAL CONTRIBUTION OF RESEARCH AND DEMONSTRATION PROJECTS TO VOCATIONAL EDUCATION IS EXAMINED IN TWO ASPECTS. THE CHARACTERISTICS OF RESEARCH AND DEMONSTRATION PROJECTS THAT SATISFY THE IDEAL CRITERIA IN ACTUAL IMPLEMENTATION ARE DISCUSSED, AND THE EXTENT TO WHICH EDUCATORS AND POLICY MAKERS HAVE MADE USE OF THE RESEARCH AND DEMONSTRATION PROJECTS IS EVALUATED. THE GENERAL CONCLUSION IS THAT ALTHOUGH SOME DEMONSTRATION PROJECTS HAVE HELPED MODIFY OR IMPROVE INSTRUCTION TECHNIQUES,

LIMITATIONS THAT STILL EXIST ARE: (1) LACK OF ADEQUATE RESEARCH DESIGN OR EVALUATION METHODOLOGY; (2) ABUNDANCE OF DESCRIPTIVE STUDIES; (3) WEAKNESS IN SURVEY TECHNIQUE; AND (4) WEAKNESS OF IMPACT DUE TO SMALL SAMPLE SIZE, LIMITED POPULATION, OR TRIVIALITY OF PROBLEM TESTED. A TABLE DISPLAYS A SAMPLING OF A VARIETY OF PROJECTS FUNDED UNDER PARTS C, D, AND I OF THE VOCATIONAL EDUCATION AMENDMENTS. (NJ)

VT 103 355

STRONG, MERLE E.; JAROSIK, DANIEL THE STATUS OF RESEARCH CAPABILITY IN VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 1JUN75 18P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*FEDERAL LEGISLATION; \*EDUCATIONAL LEGISLATION; \*VOCATIONAL EDUCATION; \*EDUCATIONAL RESEARCH

ABSTRACT - THE THESIS OF THIS PAPER IS THAT VOCATIONAL EDUCATION AND THE PERSONS IT ESPOUSES TO SERVE DESERVE THE POTENTIAL BENEFITS OF RESEARCH AND DEVELOPMENT WHICH ARE NOT BEING MAXIMIZED AT THE PRESENT TIME. FOLLOWING A BRIEF SUMMARY OF VOCATIONAL EDUCATION LEGISLATION WHICH PROVIDES THE "LEGAL RIGHT TO PERFORM," THE PAPER PRESENTS A CRITICAL REVIEW OF THE GENERAL EFFICIENCY AND ABILITY OF THE RESEARCH AND DEVELOPMENT PROGRAM IN TERMS OF POLICIES, PERSONNEL, AND COORDINATION. FACTORS THAT INHIBIT OPTIMUM RESEARCH AND DEVELOPMENT ARE: (1) LACK OF ADEQUATE NUMBERS OF TRAINED VOCATIONAL EDUCATION RESEARCHERS, (2) LACK OF CONFIDENCE IN VOCATIONAL EDUCATORS BY THE U.S. COMMISSIONER OF EDUCATION, (3) PROBLEMS IN DEVELOPING AN ORGANIZATION STRUCTURE FOR RESEARCH, (4) LACK OF LONG-RANGE PRIORITIES AND PLANNING MECHANISMS, (5) ORGANIZATION WITHIN THE

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, (6) MAGNITUDE AND CONTINUITY OF FUNDING, (7) LACK OF "HARD MONEY" RESEARCH POSITIONS, (8) EXPECTATIONS OF RESEARCH, AND (9) MONEY SIPHONED OFF TO SUPPORT OTHER ACTIVITIES. RESEARCH AND DEVELOPMENT EFFORTS HAVE IMPROVED SUBSTANTIALLY, AND HAVE HAD A SIGNIFICANT IMPACT ON VOCATIONAL EDUCATION PROGRAMS. THE AUTHORS' CRITICISM OF CURRENT RESEARCH SERVES AS A BASIS FOR RECOMMENDATIONS FOR A MORE EFFECTIVE RESEARCH AND DEVELOPMENT PROGRAM. (AUTHOR/RG)

#### VT 103 356

BICE, GARRY R.

AN ANALYSIS OF DISSEMINATION AND UTILIZATION OF VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT EFFORTS.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - JUL75 28P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - RESEARCH COORDINATING UNITS; \*VOCATIONAL EDUCATION; \*EDUCATIONAL RESEARCH; \*INFORMATION DISSEMINATION; \*RESEARCH UTILIZATION; INFORMATION UTILIZATION

ABSTRACT - THIS PAPER EXPLORES THE INTERRELATIONSHIPS AND PROBLEMS AREAS EXISTENT IN THE DISSEMINATION AND UTILIZATION OF THE RESULTS OF RESEARCH AND DEVELOPMENT EFFORTS IN VOCATIONAL EDUCATION. THE PROBLEM AREAS RELATE TO THE RESPONSIBILITIES OF THE VARIOUS EDUCATION AGENCIES, THE SPECIFICITY AND TYPES OF INFORMATION OR PRODUCTS TO BE DISSEMINATED, TARGET AUDIENCES, DISSEMINATION TECHNIQUES, AND DOCUMENTATION OF UTILIZATION. RECOMMENDATIONS OFFERED TO ALLEVIATE SOME OF THE PROBLEMS ARE: (1) DEVELOP A TAXONOMY FOR IDENTIFYING AND DESCRIBING RESEARCH RESULTS; (2) DEFINE TARGET AUDIENCES AND THEIR SPECIFIC INFORMATION NEEDS; (3) ANALYSE PERSONAL AND SOCIO-

PSYCHOLOGICAL FACTORS INVOLVED; (4) DEVELOP A PROCESS FOR EVALUATION OF RESEARCH BEFORE DISSEMINATION; (5) REEXAMINE PROCEDURES FOR INCLUSION IN INFORMATION SYSTEMS; (6) IMPLEMENT A SYSTEM OF REGIONAL CENTERS RESPONSIBLE FOR DISSEMINATION AND UTILIZATION; (7) REEXAMINE FEDERAL AND STATE POLICY; AND (8) EXPLORE ALTERNATIVE DELIVERY SYSTEMS FOR ENCOURAGING UTILIZATION. A BIBLIOGRAPHY IS INCLUDED. (RG)

#### VT 103 357

SIMPSON, ELIZABETH JANE  
CURRICULUM DEVELOPMENT IN  
VOCATIONAL-TECHNICAL EDUCATION: THE  
PART I PROGRAM.

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DESCRIPTORS - \*VOCATIONAL EDUCATION; \*CURRICULUM DEVELOPMENT; \*FEDERAL PROGRAMS; OCCUPATIONAL CLUSTERS; PROGRAM DESCRIPTIONS IDENTIFIERS - \*VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - THIS PAPER SUMMARIZES THE PURPOSES, HISTORY, AND FUNDING HISTORY OF THE CURRICULUM DEVELOPMENT PROGRAM WHICH IS PART I OF THE VOCATIONAL EDUCATION AMENDMENTS, DESCRIBES THE MAJOR CATEGORIES OF THE PROGRAM EFFORT, AND OFFERS RECOMMENDATIONS FOR THE FUTURE OF THE PROGRAM. PROBLEMS IN CAREER DEVELOPMENT AND MANAGEMENT AT THE NATIONAL LEVEL WHICH HAVE SERVED AS ONE BASIS FOR DECISIONS ABOUT THE PART I PROGRAM ARE IDENTIFIED. ALSO, IN SUMMARIZING THE HISTORY OF THE PART I PROGRAM, THE FOLLOWING TOPICS ARE COVERED IN THE PAPER; FUNDING MODE, THE CURRICULUM DEVELOPMENT BRANCH, NATURE OF FUNDING AWARDS, ESTABLISHMENT OF PRIORITIES, FUNDING PROCEDURES, ALTERNATIVE FUNDING MODES, AND MONITORING OF PART I PROJECTS. BRIEF DESCRIPTIONS OF THE 15 MAJOR OCCUPATIONAL



CLUSTER CURRICULUM PROJECTS FUNDED UNDER PART I APPEAR WITH A TABLE SHOWING THE DISTRIBUTION OF PART I FUNDS BY OCCUPATIONAL CLUSTER FOR FISCAL YEARS 1971-1974. RECOMMENDATIONS FOR THE FUTURE OF THE PROGRAM COMPLETE THE PAPER. (NJ)

VT 103 358

SCHAEFER, CARL J.  
HELTER-SKELTER: VOCATIONAL  
EDUCATION R & D.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - ND 32P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE. APPENDIX CONTAINING NAMES OF CONFERENCE PARTICIPANTS WAS NOT REPRODUCIBLE AND WAS REMOVED. IT IS NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*RESEARCH; \*RESEARCH NEEDS; \*FEDERAL PROGRAMS; \*STATE OF THE ART REVIEWS; RESEARCH COORDINATING UNITS; RESEARCH AND DEVELOPMENT CENTERS

ABSTRACT - THIS PAPER FOCUSES ON THE FEDERAL EFFORTS IN VOCATIONAL RESEARCH AND DEVELOPMENT OF THE LAST DECADE, REVIEWING MAJOR ACCOMPLISHMENTS, SPECULATING ON POSSIBLE MISDIRECTIONS, AND RECOMMENDING DIRECTIONS FOR THE FUTURE. AN HISTORICAL OVERVIEW IS OFFERED OF FEDERAL EFFORTS FROM THE PASSAGE OF THE VOCATIONAL ACT OF 1963 AND THE PRESENT STATUS OF FUNDING AND ADMINISTRATION OF VOCATIONAL R & D IS BRIEFLY DESCRIBED. IN ADDITION TO THE MAJOR ACCOMPLISHMENT OF PROVIDING VISIBILITY FOR VOCATIONAL R & D, SEVERAL SPECIFIC ACCOMPLISHMENTS ARE ENUMERATED, MOST OF WHICH INDICATE THAT THE EMPHASIS HAS BEEN ON DEVELOPMENTAL RATHER THAN ON BASIC RESEARCH. IN SPECULATING ON POSSIBLE ALTERNATIVES TO PAST DIRECTIONS, THE CHANGE IN EMPHASIS FROM RESEARCH TO DEVELOPMENTAL PRIORITIES IS TRACED FROM THE POINT OF VIEW THAT THE HASTE TO

OPERATIONALIZE HAS SERIOUSLY DECELERATED VOCATIONAL RESEARCH EFFORTS, CHANNELING RESEARCH MONIES INTO PROGRAMMATIC EFFORTS AND FAILING TO ENGAGE IN INTERDISCIPLINARY RESEARCH FOR A LONG ENOUGH PERIOD OF TIME. IN ADDRESSING THE PROBLEM OF HOW BEST TO UTILIZE THE EXISTING VOCATIONAL RESEARCH AND DEVELOPMENT SYSTEM FOR IMPROVEMENT, THE AUTHOR ARGUES FOR MORE BASIC RESEARCH TO SOLVE THE SOCIOLOGICAL, PSYCHOLOGICAL, AND ECONOMIC PROBLEMS ENCOUNTERED IN VOCATIONAL EDUCATION. AN APPEAL IS ALSO MADE TO THE TWO NATIONAL CENTERS TO RETURN TO THEIR ORIGINAL MISSION OF VOCATIONAL R & D AND TO THE RESEARCH COORDINATING UNITS TO FOCUS MORE ON RESEARCH COORDINATION. (NJ)

VT 103 359

ROBY, PAMELA ANN  
VOCATIONAL EDUCATION AND WOMEN.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - MAY75 61P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*FEMALES; \*WOMENS EDUCATION; \*VOCATIONAL EDUCATION; \*STATE OF THE ART REVIEWS; \*SEX DISCRIMINATION; DISCRIMINATORY ATTITUDES (SOCIAL); SEX STEREOTYPES; EQUAL OPPORTUNITIES (JOBS); CIVIL RIGHTS; VOCATIONAL DEVELOPMENT

ABSTRACT - IN EXAMINING THE CURRENT SITUATION OF WOMEN IN VOCATIONAL EDUCATION, THIS PAPER FINDS THAT DESPITE THE INCREASED SUMS SPENT ON VOCATIONAL EDUCATION IN THE LAST DECADE AND THE NATIONAL LEGISLATION AFFIRMING WOMEN'S RIGHT TO EQUAL EMPLOYMENT AND EDUCATIONAL OPPORTUNITY, WOMEN CONTINUE TO BE UNDERREPRESENTED IN VOCATIONAL EDUCATION ADMINISTRATION AND IN ALL VOCATIONAL PROGRAMS EXCEPT HOME ECONOMICS, NURSING, AND BUSINESS. MANY FEMALE STUDENTS ARE BARRED FROM SEX-SEGREGATED VOCATIONAL EDUCATION SCHOOLS AND CLASSES, AND

MOST OTHERS ARE ACTIVELY DISCOURAGED OR NOT ENCOURAGED TO TAKE COURSES LEADING TO HIGHER PAYING JOBS TRADITIONALLY TYPED AS MALE. FURTHER, ONLY A SMALL PERCENTAGE OF RESEARCH IS CURRENTLY BEING DEVOTED TO DEVELOPING MEANS OF INCREASING VOCATIONAL EDUCATION'S BENEFIT TO WOMEN. THE PAPER TRACES THE PATHS OPEN TO VOCATIONAL STUDENTS AND POINTS OUT POTENTIAL POINTS OF INTERVENTION TO INCREASE VOCATIONAL OPPORTUNITIES FOR FEMALE STUDENTS. THE BARRIERS, BOTH INTERNAL AND INSTITUTIONAL, ARE EXAMINED, THE RELATED RESEARCH IS REVIEWED, AND SUGGESTIONS FOR RESEARCH AND DEVELOPMENT PROJECTS TO OVERCOME THE BARRIERS ARE OFFERED. THESE RECOMMENDATIONS APPEAR ALSO AS A LIST OF SPECIFIC SUGGESTIONS FOR AMENDING FEDERAL LAWS, FOR IMPLEMENTING FEDERAL, STATE, AND LOCAL PRACTICES AND POLICIES, AND FOR INSTITUTING RESEARCH TO EQUALIZE OPPORTUNITIES FOR FEMALES IN VOCATIONAL EDUCATION. (NJ)

VT 103 360

PUCINSKI, ROMAN  
VOCATIONAL RESEARCH AND DEVELOPMENT: KEY TO SURVIVAL IN AMERICA'S THIRD CENTURY.

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DESCRIPTORS - \*VOCATIONAL EDUCATION; \*EDUCATIONAL RESEARCH; \*RESEARCH NEEDS; CURRICULUM DEVELOPMENT

ABSTRACT - THIS PAPER PRESENTS A RATIONALE FOR THE CONTINUANCE OF VOCATIONAL RESEARCH AND DEVELOPMENT. MAJOR TECHNOLOGICAL CHANGES WILL REQUIRE THE DEVELOPMENT OF CURRICULUM PROGRAMS TO MEET THE CHANGING NEEDS OF INDUSTRY AS NEW JOB SKILLS CONTINUE TO EMERGE. ADDITIONAL FACTORS THAT CHALLENGE VOCATIONAL RESEARCH ARE: THE DEVELOPMENT OF MARKETABLE

SKILLS FOR ALL HIGH SCHOOL STUDENTS WHETHER OR NOT THEY PLAN TO CONTINUE THEIR EDUCATION; RETRAINING OF THE UNEMPLOYED; THE PROVISION OF OPPORTUNITIES FOR WOMEN, THE DISADVANTAGED, AND HANDICAPPED; EFFECTIVE GUIDANCE AND COUNSELING PROGRAMS; AND THE DEVELOPMENT OF STATEWIDE MANAGEMENT INFORMATION SYSTEMS. IN ORDER TO MEET THESE NEEDS, VOCATIONAL RESEARCH AND DEVELOPMENT SHOULD NOT BE CURTAILED. (RG)

VT 103 361

PLAKE, JOSEPH F.  
DISSEMINATION OF RESEARCH AND DEVELOPMENT PRODUCTS AND RESULTS IN VOCATIONAL EDUCATION.

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DESCRIPTORS - \*VOCATIONAL EDUCATION; \*INFORMATION DISSEMINATION; \*STATE OF THE ART REVIEWS; \*INFORMATION UTILIZATION

ABSTRACT - THIS PAPER DESCRIBES SOME OF THE SYSTEMATIC EFFORTS OF THE LAST DECADE IN DISSEMINATING THE PRODUCTS OF RESEARCH AND DEVELOPMENT IN VOCATIONAL EDUCATION AND PROVIDES SUGGESTIONS FOR DEALING WITH PROBLEMS AND ISSUES TO FACILITATE THE MOVEMENT OF INFORMATION RESOURCES FROM PRODUCERS TO CONSUMERS. THE PAPER TRACES THE HISTORY AND ROLE OF THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) IN THE DISSEMINATION OF INFORMATION IN VOCATIONAL EDUCATION, REVIEWS THE EFFORTS AND ACTIVITIES OF THE CENTER FOR VOCATIONAL EDUCATION (CVE) AT THE OHIO STATE UNIVERSITY IN OPERATING THE ERIC CLEARINGHOUSE, AND DESCRIBES THE SCOPE AND PURPOSES OF THE ERIC CLEARINGHOUSE ON CAREER EDUCATION ALONG WITH SOME RECENT OBSERVATIONS ON THE CENTER'S OPERATION AT NORTHERN ILLINOIS UNIVERSITY. THE ROLE OF AIM/ARM IN VOCATIONAL EDUCATION INFORMATION

DISSEMINATION IS DESCRIBED, INCLUDING THE HISTORY, GOALS, FUNDING, AND ACCOMPLISHMENTS OF ITS DECADE OF OPERATION. THE STATE DISSEMINATION SYSTEMS OF TENNESSEE AND PENNSYLVANIA ARE DESCRIBED IN DETAIL. ALSO INCLUDED ARE A DISCUSSION OF THE UTILIZATION OF RESEARCH AND DEVELOPMENT PRODUCTS AND RESULTS, A SAMPLING OF CURRENT PROJECTS FUNDED UNDER PARTS C, D, AND I OF THE VOCATIONAL EDUCATION AMENDMENTS, AND SUGGESTIONS FOR MORE SYSTEMATIC WAYS TO ASSESS THE IMPACT OF RESEARCH AND DEVELOPMENT EFFORTS. (NJ)

VT 103 362

BRICKELL, HENRY M.  
A FRAMEWORK FOR DEVELOPING  
ALTERNATIVE SCENARIOS FOR  
VOCATIONAL EDUCATION RESEARCH AND  
DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
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103 367 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*RESEARCH; \*TREND  
ANALYSIS; \*FUTURES (OF SOCIETY);  
EDUCATIONAL TRENDS; MODELS; FEDERAL  
PROGRAMS; EDUCATIONAL POLICY

ABSTRACT - THIS PAPER CONSISTS OF A  
FRAMEWORK FOR WRITING ALTERNATIVE  
SCENARIOS FOR FEDERAL POLICY IN  
VOCATIONAL EDUCATION RESEARCH AND  
DEVELOPMENT (VERD) BASED ON THE  
EXPERIENCE OF THE PAST, CURRENT  
VIEWPOINTS, AND OPINIONS ABOUT THE  
FUTURE AS CONCEIVED BY THE  
COMMITTEE ON VOCATIONAL EDUCATION  
RESEARCH AND DEVELOPMENT (COVERD).  
THE PAPER EXPLICATES A FRAMEWORK  
FOR CONSIDERING ALTERNATIVE POLICY  
OPTIONS AND DISCUSSES THE  
RELATIONSHIPS AMONG THE SOCIAL  
ENVIRONMENT, STATUS AND TRENDS IN  
VOCATIONAL EDUCATION, AND FEDERAL  
POLICY OPTIONS FOR CONDUCTING VERD.  
POLICY OPTIONS FOR FEDERALLY  
SUPPORTED VERD ARE PROFILED ON THE  
DIMENSIONS OF CONTROL, FUNDING,  
PERFORMERS, CONTINUITY, STANDARDS,

FUNCTIONS, PROGRAM AREAS,  
OCCUPATIONAL FOCUS, AND  
POPULATION INSTITUTIONS, AND  
DEMOGRAPHIC SETTINGS SERVED.  
INCLUDED ALSO ARE ILLUSTRATIVE  
GENERALIZATIONS AND A TABLED  
SCHEMATIC DISPLAY OF A NUMBER OF  
GENERAL PROPOSITIONS ABOUT THE  
RELATION BETWEEN FEDERAL POLICY  
OPTIONS AND THEIR OUTCOMES FOR THE  
QUALITY OF VERD FINDINGS AND  
PRODUCTS, THEIR EFFECT ON BUILDING  
CAPACITY, THE UTILITY OF FINDINGS  
AND PRODUCTS, AND THE CONSEQUENT  
POLITICAL SUPPORT FOR VERD.  
APPENDED IS A SCHEMATIC MODEL FOR  
PROJECT BASELINE THAT PROVIDES FOR  
AN ANALYSIS OF BOTH VERD PROCESSES  
AND IMPACTS. THE MODEL IS DESCRIBED  
IN A CUMULATIVE SERIES OF FIVE  
FIGURES USING A COMBINATION OF  
ACTUAL AND HYPOTHETICAL DATA. (NJ)

VT 103 363

BUSHNELL, DAVID S.  
POLICY ALTERNATIVES IN THE  
EVALUATION OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
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103 367 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*PROGRAM EVALUATION;  
\*POLICY FORMATION; \*STATE OF THE  
ART REVIEWS; \*EDUCATIONAL POLICY

ABSTRACT - THIS PAPER DESCRIBES THE  
FORMAL AND INFORMAL PROCESSES USED  
TO EVALUATE VOCATIONAL EDUCATION  
PROGRAMS, EXAMINES THEIR IMPACT ON  
APPROPRIATIONS, PRIORITIES, AND  
POLICY RECOMMENDATIONS, AND  
ADDRESSES THE QUESTION OF WHAT  
POLICY OPTIONS FOR VOCATIONAL  
EDUCATION CONGRESS OUGHT TO  
CONSIDER AS IT CONFRONTS  
LEGISLATIVE RENEWAL. SEVERAL  
CRITERIA ARE SUGGESTED FOR POLICY  
RESEARCH, WHICH IS DEFINED AS THE  
STUDY OF EMPIRICAL RELATIONSHIPS  
BETWEEN DEPENDENT VARIABLES OF HIGH  
POLICY RELEVANCE AND INDEPENDENT  
VARIABLES AMENABLE TO MANIPULATION  
AND CONTROL. SOME CURRENT SOCIO-



ECONOMIC DEVELOPMENTS ARE DESCRIBED AS IMPORTANT TO TAKE INTO ACCOUNT IN PLANNING FOR VOCATIONAL EDUCATION PROGRAMS. THESE INVOLVE THE CHANGE IN THE ROLE OF WORKERS AND IN WORK VALUES, THE RISE OF JOB COMPETITION, DEHUMANIZATION OF WORK, AND UNEQUAL DISTRIBUTION OF WEALTH. THE EMPLOYMENT OUTLOOK THROUGH THE 1970'S IS BRIEFLY REVIEWED AND MAJOR TRENDS ARE IDENTIFIED. THE POTENTIAL EFFECT OF SUCH DEVELOPMENTS ON VOCATIONAL EDUCATION IS TRACED THROUGH THE VARIOUS LEGISLATIVE PROGRAMS AND DECISIONMAKING STRUCTURES OF THE PAST, AND THE APPLICATION OF VARIOUS EVALUATION STRATEGIES TO POLICY RECOMMENDATIONS IS ANALYZED. IN EXAMINING HOW SOCIAL AND ECONOMIC CHANGES ARE REFLECTED IN VOCATIONAL EDUCATION POLICY, THE RECENT EMPHASIS ON EDUCATIONAL EQUITY IS TRACED AS A TAKE-OFF POINT FOR DISCUSSION OF VOCATIONAL EDUCATION POLICY DELIBERATIONS AT LOCAL, STATE, AND FEDERAL LEVELS. (NJ)

VT 103 364

HAMILTON, PHYLLIS D.  
VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT FOR ETHNIC MINORITY STUDENTS.

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DESCRIPTORS - \*STATE OF THE ART REVIEWS; \*VOCATIONAL EDUCATION; \*ETHNIC GROUPS; \*MINORITY GROUPS; DISADVANTAGED YOUTH; \*RESEARCH NEEDS

ABSTRACT - VOCATIONAL EDUCATION RESEARCH IN MINORITY GROUP NEEDS IS EXAMINED IN RELATION TO ITS CONGRUENCE WITH PAST DIRECTIONS AND FUTURE TRENDS IN THE LARGER SOCIAL SCIENCE RESEARCH ESTABLISHMENT. AN OVERVIEW OF RESEARCH CONDUCTED SINCE THE VOCATIONAL EDUCATION AMENDMENTS OF 1963 IS PRESENTED, WITH A SUBSEQUENT DESCRIPTION

ORGANIZED ACCORDING TO THE NEEDS OF ETHNIC STUDENTS AT DIFFERENT EDUCATIONAL LEVELS. AMONG THE CONCLUSIONS RESULTING FROM THIS REVIEW OF RESEARCH ARE: (1) THE LITTLE RESEARCH DIRECTED TO NEEDS OF ETHNIC MINORITY STUDENTS HAS BEEN UNDERUTILIZED; (2) THE RESEARCH WAS BASED ON A SOCIAL PATHOLOGY MODEL OF CULTURAL DEFICIT AND ON STEREOTYPES OF CULTURAL DISADVANTAGE WITHOUT IDENTIFYING POSITIVE ATTRIBUTES; (3) A NEGATIVE SELF-CONCEPT WAS SEEN AS THE BIGGEST BLOCK TO MOTIVATION; AND (4) STAFF ATTITUDES AND BEHAVIORS ARE CRITICAL VARIABLES IN PROVIDING EFFECTIVE TRAINING. THE PAPER REVIEWS SOME DISCERNIBLE RESEARCH TRENDS WITH POSITIVE DIRECTIONS FOR THE FUTURE OF ETHNIC MINORITY STUDENTS, PARTICULARLY RESEARCH BASED ON THE CONCEPT OF BIOCULTURALISM. FINALLY, EIGHT QUESTIONS ARE PRESENTED WHICH NEED TO BE ADDRESSED BY FUTURE VOCATIONAL EDUCATION RESEARCH TARGETED TO MINORITY NEEDS. THESE QUESTIONS INVOLVE INTERDISCIPLINARY RESEARCH, EQUAL ACCESS TO HIGHER EDUCATION, TEACHER EXPECTATIONS AND EFFECTIVENESS, THE USE OF PARAPROFESSIONALS AND TUTORS, AND COMMUNITY INVOLVEMENT. (NJ)

VT 103 365

HERR, EDWIN L.  
GUIDANCE AND COUNSELING, VOCATIONAL EDUCATION, RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 03OCT75 74P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL COUNSELING; \*VOCATIONAL EDUCATION; \*GUIDANCE COUNSELING; \*STATE OF THE ART REVIEWS; \*RESEARCH NEEDS; VOCATIONAL DEVELOPMENT

ABSTRACT - THIS PAPER EXAMINES THE RELATIONSHIPS AMONG GUIDANCE AND COUNSELING, VOCATIONAL EDUCATION, AND RESEARCH AND DEVELOPMENT

HISTORICALLY, CURRENTLY, AND IN TERMS OF FUTURE POSSIBILITIES, THE EVOLUTION OF CHANGE IS TRACED FROM THE BEGINNINGS OF THE CENTURY WHEN GUIDANCE AND COUNSELING, THEN VOCATIONAL GUIDANCE, WAS JOINED WITH VOCATIONAL EDUCATION IN RESPONDING TO THE SOCIAL AND MANPOWER NEEDS OF THE DAY TO THE PRESENT SITUATION IN WHICH VOCATIONAL EDUCATORS AND GUIDANCE AND COUNSELING PERSONNEL DIVERGE ON THE EMPHASIS OF OCCUPATIONAL PREPARATION AND MANPOWER RESPONSIBILITIES VERSUS THE BROADLY CONCEIVED CONCEPT OF PERSONAL COMPETENCE IN SELF-AWARENESS AND DECISIONMAKING. SUGGESTIONS ARE OFFERED FOR WAYS TO NARROW THE GAP BETWEEN VOCATIONAL GUIDANCE AND VOCATIONAL EDUCATION BY BROADENING THE VIEW OF GUIDANCE TO INCLUDE A CONCERN FOR DECISIONMAKING, SELF-CONCEPT, LIFE STYLES, VALUES AND LEISURE. SOME OF THE SIGNIFICANT RESEARCH AND DEVELOPMENT EFFORTS OF THE LAST DECADE ARE DISCUSSED INCLUDING CAREER DEVELOPMENT THEORY, COMPUTER-BASED SYSTEMS, SPECIFICATION OF GOALS AND OBJECTIVES, MEASUREMENT OF CAREER DEVELOPMENT, AND EXEMPLARY PROJECTS AND PROGRAMS FUNDED UNDER PART D OF THE VOCATIONAL EDUCATION AMENDMENTS. FINALLY, AN INVENTORY OF FUTURE RESEARCH AND DEVELOPMENT NEEDS OUTLINES SOME PROBLEM AREAS AND SUGGESTS RESEARCH DIRECTIONS FOR VOCATIONAL GUIDANCE. (NJ)

VT 103 366

KAUFMAN, JACOB J.  
HUMAN RESOURCE DEVELOPMENT AND VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - MAY75 85P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*STATE OF THE ART REVIEWS; \*RESEARCH NEEDS; RESEARCH; \*VOCATIONAL EDUCATION; \*HUMAN RESOURCES; \*MANPOWER DEVELOPMENT; \*MANPOWER UTILIZATION; LABOR SUPPLY

ABSTRACT - THIS PAPER IS CONCERNED WITH CERTAIN STRUCTURAL CHANGES WHICH ARE TAKING PLACE IN THE LABOR MARKET AND IN SOCIETY AND ATTEMPTS TO INDICATE THE AREAS OF RESEARCH IN HUMAN RESOURCES TO WHICH VOCATIONAL EDUCATION COULD MAKE A CONTRIBUTION. IT IS SUGGESTED THAT WITH IMPROVED RESEARCH KNOWLEDGE, SOCIAL AND BEHAVIORAL SCIENTISTS ARE BEGINNING TO RECOGNIZE THAT THERE IS MORE TO HUMAN RESOURCES DEVELOPMENT THAN SKILL TRAINING. THE NEED TO DEVELOP AN INTERDISCIPLINARY APPROACH TO RESEARCH IN THE HUMAN RESOURCES FIELD IS DISCUSSED FROM THE POINT OF VIEW THAT VOCATIONAL EDUCATION HAS TENDED TO IGNORE THE NEED FOR AND CONTRIBUTIONS OF OTHER SOCIAL AND BEHAVIORAL SCIENCES IN THE DEVELOPMENT OF A VOCATIONAL EDUCATION CURRICULUM. CERTAIN STRUCTURAL CHANGES TAKING PLACE IN THE LABOR MARKET ARE DISCUSSED--CHANGES TO WHICH, IN THE AUTHOR'S VIEW, VOCATIONAL EDUCATION HAS NOT SATISFACTORILY RESPONDED. THE NEED TO REALLOCATE EDUCATIONAL RESOURCES IS ARGUED WITH SUGGESTIONS OFFERED FOR REDESIGNING VOCATIONAL EDUCATION. FINALLY, THE NEED TO EXPAND ACTIVITIES IN THE AREA OF ASSESSMENT OF EDUCATIONAL PROGRAMS IS PRESENTED AS WELL AS THE NEED FOR MORE EDUCATIONAL PLANNING. (NJ)

VT 103 367

KIEVIT, MARY BACH  
VOCATIONAL EDUCATION RESEARCH AND DEVELOPMENT AS A FACTOR INFLUENCING TEACHERS TO CHANGE PRACTICES.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - MAY75 56P.; PAPER COMMISSIONED BY COVERD. FOR RELATED PAPERS, SEE VT 103 352 THROUGH VT 103 367 IN THIS ISSUE.

DESCRIPTORS - \*EDUCATIONAL CHANGE; \*TEACHER BEHAVIOR; \*VOCATIONAL EDUCATION; \*LITERATURE REVIEWS; \*EDUCATIONAL RESEARCH; BEHAVIOR CHANGE; TEACHER RESPONSE; EDUCATIONAL INNOVATION

ABSTRACT - WITH PARTICULAR

ATTENTION TO VOCATIONAL RESEARCH AND DEVELOPMENT, THIS STUDY REVIEWED THE LITERATURE TO OBTAIN INFORMATION ON THE FACTORS OR INFLUENCES CAUSING TEACHERS TO CHANGE PRACTICES. RESEARCH AND DEVELOPMENT IN VOCATIONAL EDUCATION WAS TREATED AS AN INDEPENDENT VARIABLE IN AN EXPERIMENTAL RESEARCH DESIGN WITH MODERATING VARIABLES OF PRODUCT CHARACTERISTICS, DISSEMINATION EFFORTS, TEACHER EDUCATION, WORK CONTEXT, AND TEACHER CHARACTERISTICS. THE SOURCES OF INFORMATION INCLUDED A NUMBER OF REVIEWS OF RESEARCH, RESEARCH MONOGRAPHS, AND EXPERT OPINION STATEMENTS. VERY LIMITED EMPIRICALLY DERIVED EVIDENCE WAS FOUND REGARDING THE EXTENT TO WHICH VOCATIONAL RESEARCH AND DEVELOPMENT HAS INFLUENCED TEACHERS TO CHANGE PRACTICES. SPECULATION BASED ON INFORMED OPINION CONCLUDED THAT: (1) THE INFLUENCE OF CURRICULUM DEVELOPMENT AND DISTRIBUTION ON TEACHER PRACTICE IS RELATIVELY INSIGNIFICANT; (2) USE OF DISSEMINATION THROUGH INSTITUTES, WORKSHOPS, AND CONFERENCES IS INADEQUATE AS AN INFLUENCE ON TEACHER PRACTICE; (3) TEACHER EDUCATION AS A MODE OF DISSEMINATION IS OF NEGLIGIBLE INFLUENCE; AND (4) TEACHER EDUCATORS AS DISSEMINATORS OF RESEARCH AND DEVELOPMENT ARE LIMITED IN INFLUENCING TEACHERS TO CHANGE PRACTICES. POSSIBLE EXPLANATIONS FOR THE LOW RETURN IN TERMS OF ACTUAL CHANGE OF TEACHER PRACTICE ARE OFFERED PERTAINING TO ORGANIZATIONAL FACTORS AND TO SYSTEMS FOR ANALYZING THE CHARACTERISTICS OF EDUCATIONAL INNOVATIONS. (NJ)

VT 103 368

TUTTLE, RON

A SUMMATIVE EVALUATION REPORT OF THE CALDWELL COUNTY GUIDANCE ORIENTED ALTERNATIVE WORK EXPERIENCE PROGRAM.

APPALACHIAN STATE UNIV., BOONE, N.C. COLLEGE OF LEARNING AND HUMAN DEVELOPMENT.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
OEG-0-74-8580

PUB DATE - MAY 76 117P.; RELATED DOCUMENT VT 103 369 IN THIS ISSUE. APPENDIX A AND PAGE 100 CONSISTING OF A BUDGET SUMMARY CHART WERE NOT REPRODUCIBLE AND WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*PROGRAM EVALUATION; SUMMATIVE EVALUATION; STUDENT TESTING; SECONDARY EDUCATION; \*JOB PLACEMENT; \*GUIDANCE PROGRAMS; INSTRUCTIONAL MATERIALS; \*WORK EXPERIENCE PROGRAMS; \*COOPERATIVE PROGRAMS; GRADUATE SURVEYS; COUNTY SCHOOL SYSTEMS; RURAL AREAS; DROPOUT IDENTIFICATION IDENTIFIERS - CALDWELL COUNTY; NORTH CAROLINA

ABSTRACT - THE THIRD PARTY EVALUATION WAS CONCERNED WITH BOTH PROCESS AND PRODUCT EVALUATION. BASED ON SITE VISITATIONS, SUMMARY REPORTS ARE PRESENTED OF PROCESS EVALUATIONS OF THE CAREER GUIDANCE, JOB PLACEMENT, AND WORK EXPERIENCE PROGRAMS, AND THE CURRICULUM MATERIALS FOR THE INDUSTRIAL COOPERATIVE TRAINING PROGRAMS. THE PRODUCT EVALUATION ENTAILED THE ADMINISTRATION OF THE MINNESOTA VOCATIONAL INTEREST INVENTORY AND THE TENNESSEE SELF-CONCEPT SCALE AS PRETESTS AND POSTTESTS TO EXPERIMENTAL AND CONTROL GROUPS OF STUDENTS. RESULTS OF THE ANALYSIS OF TEST SCORES ARE DISPLAYED IN TABLES. ALSO PRESENTED ARE RESULTS OF A FOLLOWUP SURVEY OF 196 GRADUATES OF THE FIVE HIGH SCHOOLS. MAJOR CONCLUSIONS ARE THAT THE OBJECTIVE OF ESTABLISHING A COMPREHENSIVE CAREER GUIDANCE AND JOB PLACEMENT PROGRAM HAS BEEN ATTAINED, THE OBJECTIVE OF ESTABLISHING A MODEL WORK EXPERIENCE IN TEXTILES AND FURNITURE MANUFACTURING HAS BEEN INITIATED AND IS UNDERWAY, AND PROGRESS ON THE LEARNING ACTIVITY PACKAGES HAS BEEN EXCELLENT. THE INCREASE AND DECREASE OF STUDENT INTEREST IN OCCUPATIONAL FIELDS AS



A RESULT OF PROGRAM PARTICIPATION IS SUMMARIZED. APPENDED ARE THE EVALUATION CONTRACT, INSTRUMENTS USED FOR PROCESS EVALUATION, THE OCCUPATIONAL SURVEY QUESTIONNAIRE, AND A DESCRIPTION AND ANALYSIS OF THE DROPOUT IDENTIFICATION SYSTEM. INADEQUATE READING ABILITY WAS FOUND TO BE THE SINGLE GREATEST CONTRIBUTOR TO DROPOUT POTENTIALITY. (RG)

VT 103 369

STONE, WILLIAM S.  
GUIDANCE ORIENTED ALTERNATIVE WORK EXPERIENCE PROGRAM AND FOLLOW-UP STUDY. FINAL REPORT.

CALDWELL COUNTY PUBLIC SCHOOLS,  
LENOIR, N.C.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

DEG-0-74-8580

PUB DATE - 1JUL76 897P.; RELATED  
DOCUMENT VT 103 368 IN THIS ISSUE.

PAGES 40, 41, 42, 43, 44, 58  
THROUGH 62, 887 THROUGH 906 AND  
APPENDIXES A AND J WERE REMOVED.  
THEY ARE NOT INCLUDED IN THE  
PAGINATION. PORTIONS OF THIS  
DOCUMENT ARE OF MARGINAL  
REPRODUCIBILITY. BEST COPY  
AVAILABLE.

DESCRIPTORS - SECONDARY EDUCATION;  
\* INSTRUCTIONAL MATERIALS;  
CURRICULUM GUIDES; INDUSTRIAL  
TRAINING; TRADE AND INDUSTRIAL  
EDUCATION; PROGRAM DESCRIPTIONS;  
COUNTY SCHOOL SYSTEMS; DROPOUT  
IDENTIFICATION; FURNITURE INDUSTRY;  
RURAL AREAS; \*WORK EXPERIENCE  
PROGRAMS; \*JOB PLACEMENT;  
\*COOPERATIVE PROGRAMS; \*GUIDANCE  
PROGRAMS; MANUALS  
IDENTIFIERS - CALDWELL COUNTY;  
NORTH CAROLINA

ABSTRACT - THE DOCUMENT CONTAINS A  
SUMMARY REPORT (22 PAGES) AND  
EXTENSIVE APPENDIXES DETAILING A  
TWO-YEAR PROJECT DESIGNED TO: (1)  
DEVELOP COMPREHENSIVE CAREER  
GUIDANCE PROGRAMS WITHIN THE COUNTY  
HIGH SCHOOLS; (2) ESTABLISH A MODEL  
COUNTY-WIDE JOB PLACEMENT PROGRAM

FOR HIGH SCHOOL STUDENTS; (3)  
DEVELOP WORK EXPERIENCE PROGRAMS IN  
TEXTILE AND FURNITURE  
MANUFACTURING; AND (4) DEVELOP AN  
INDIVIDUALIZED CURRICULUM FOR  
INDUSTRIAL COOPERATIVE TRAINING  
CLASSES. ALONG WITH SUPPORTIVE  
MATERIALS DESCRIBING PROJECT  
ACTIVITIES, STUDENT TEST RESULTS,  
AND THE EVALUATION PLAN, THE  
PRODUCTS DEVELOPED ARE INCLUDED IN  
THE REPORT. AN INDIVIDUALIZED  
CURRICULUM FOR INDUSTRIAL WORK  
EXPERIENCE PROGRAMS COMPRISES 30  
UNITS, EACH CONTAINING OBJECTIVES,  
LEARNING ACTIVITIES, AND TESTS.  
UNIT TOPICS INCLUDE EMPLOYMENT  
INFORMATION, HUMAN RELATIONS, DAILY  
LIVING SKILLS, AND BASIC MATH  
SKILLS. TWO TRAINING MANUALS, ONE  
FOR TEXTILE MANUFACTURING AND ONE  
FOR FURNITURE MANUFACTURING,  
PRESENT DETAILED TRAINING PLANS FOR  
SPECIFIC JOBS IN THESE TWO  
INDUSTRIES AND SUPPLEMENTARY  
TECHNICAL INFORMATION. OTHER  
PRODUCTS ARE: A COMPUTERIZED  
DROPOUT IDENTIFICATION SYSTEM, A  
TRANSPORTABLE MODEL FOR A JOB  
PLACEMENT SERVICE IN RURAL AREAS, A  
GUIDEBOOK ON OCCUPATIONAL EDUCATION  
FOR EIGHTH GRADE STUDENTS, AND  
BROCHURES ON A DISCIPLINE CODE OF  
CONDUCT FOR TEACHERS, PARENTS, AND  
STUDENTS. (RG)

VT 103 370

COOK, JOYCE; WILLIAMS, JEANNE  
PROCEEDINGS OF THE NATIONAL  
COORDINATING CONFERENCE FOR  
ADMINISTRATORS OF PART D AND FY  
1973 PART C PROJECTS AND PROGRAMS,  
FUNDED UNDER P.L. 90-576 (DALLAS,  
TEXAS, JANUARY 28-30, 1975).

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C. DIV. OF RESEARCH AND  
DEMONSTRATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 75 201P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CONFERENCE REPORTS;  
\*ADMINISTRATIVE PERSONNEL;  
SPEECHES; NATIONAL PROGRAMS

ABSTRACT - THE MAJOR FOCUS OF THE CONFERENCE OF ADMINISTRATORS OF CAREER EDUCATION PROJECTS WAS ON DETERMINING AND DISCUSSING MAJOR ISSUES IN THE IMPLEMENTATION AND CONTINUATION OF CAREER EDUCATION AT THE LOCAL, STATE, REGIONAL, AND FEDERAL LEVELS. PARTICIPANTS INCLUDED STATE LEVEL ADMINISTRATORS, LOCAL PROJECT PERSONNEL, EVALUATORS, TEACHER EDUCATORS, AND U.S.O.E. REPRESENTATIVES. THE CONFERENCE REPORT CONTAINS THE PROCEEDINGS OF THE GENERAL SESSIONS, REPORTS FROM SPECIAL INTEREST GROUPS, AND REPORTS FROM WORK GROUPS. GENERAL SESSIONS CONSISTED OF THE KEYNOTE ADDRESS BY WILLIAM F. PIERCE, TWO PANEL PRESENTATIONS ON LEGISLATION AND EVALUATION, AND PRESENTATIONS ON PROGRAM PLANS FOR 1975 AND 1976. REPORTS FROM THE WORK GROUPS ARE ENTITLED: "DEFINING CAREER EDUCATION," "STRATEGIES FOR MOVING CAREER EDUCATION FROM A PROJECT STATUS TO AN EDUCATION PROGRAM STATUS," "PLANNING, COORDINATING, AND DISSEMINATING CAREER EDUCATION," "EVALUATING CAREER EDUCATION PROGRAMS," "IMPLEMENTING CAREER EDUCATION AT THE SECONDARY LEVEL," AND "PREPARING TEACHERS FOR CAREER EDUCATION." THE CONFERENCE AGENDA AND PARTICIPANT LIST ARE INCLUDED. (NJ)

VT 103 371

KAAS, DUANE A.; KAHLER, ALAN A. COMPETENCIES NEEDED BY WORKERS IN HORTICULTURAL OCCUPATIONS.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. DEPT. OF AGRICULTURAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 75 246P.

DESCRIPTORS - \*TASK ANALYSIS;  
\*ORNAMENTAL HORTICULTURE  
OCCUPATIONS; TABLES (DATA).

ABSTRACT - THIS STUDY WAS UNDERTAKEN TO IDENTIFY OCCUPATIONAL AREAS IN THE HORTICULTURAL INDUSTRY

AND TO IDENTIFY, DESCRIBE, AND CATEGORIZE THE MENTAL AND PHYSICAL SKILLS NEEDED BY WORKERS IN HORTICULTURAL OCCUPATIONS. COMPETENCY LISTS WERE DEVELOPED FOR THESE OCCUPATIONAL AREAS: ARBORIST SERVICES, FARM AND GARDEN SUPPLY CENTERS, GOLF COURSE MANAGEMENT, GREENHOUSE PRODUCTION, LANDSCAPE SERVICES, NURSERY PRODUCTION, PARK AND HIGHWAY MANAGEMENT, RETAIL FLORIST, AND WHOLESALE FLORIST. A SURVEY INSTRUMENT INCORPORATING THE COMPETENCIES WAS ADMINISTERED TO 1,435 IOWA HORTICULTURE EMPLOYEES WITH A RESPONSE RATE OF 36 PERCENT (521). DATA ARE PRESENTED IN TWO PARTS. PART I CONTAINS INFORMATION RELATIVE TO OCCUPATIONAL AREAS IN EACH OF THE NINE CATEGORIES AND THE NUMBER OF PERSONS EMPLOYED IN EACH. GEOGRAPHIC DISTRIBUTION OF BUSINESSES FROM WHICH RESPONSES WERE RECEIVED IS ALSO PROVIDED. PART II (219 PAGES) CONSISTS OF TABLES WHICH SUMMARIZE THE COMPETENCIES PERFORMED BY WORKERS IN EACH OF THE NINE AREAS. DATA ARE PRESENTED IN THE TWO BROAD CATEGORIES OF MANAGEMENT AND SALES AND LABOR. THE TABLES LIST THE TASKS AND INDICATE PERFORMANCE FREQUENCY BY NUMBER OF EMPLOYEES AND BY OVERALL PERCENT OF EMPLOYEES. (NJ)

VT 103 372

GLASER, EDWARD M.; AND OTHERS IMPROVEMENT IN THE QUALITY OF WORKLIFE AND PRODUCTIVITY: A JOINT VENTURE BETWEEN MANAGEMENT AND EMPLOYEES. FINAL REPORT.

HUMAN INTERACTION RESEARCH INST., LOS ANGELES, CALIF.  
EMPLOYMENT AND TRAINING ADMINISTRATION (DOL), WASHINGTON, D.C. OFFICE OF MANPOWER RESEARCH AND DEVELOPMENT.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
DL 92-06-72-27  
DLMA 92-06-72-27  
NATIONAL TECHNICAL INFORMATION SERVICE, U.S. DEPARTMENT OF COMMERCE, DEPARTMENT A, SPRINGFIELD, VIRGINIA 22151.  
PUB DATE - 02JUL76 166P.; PAGE

118 CONTAINING FIGURE 10 "RESPONSES TO JANUARY 1975 ISR MONTHLY SHORT FORM FEEDBACK" WAS NOT REPRODUCIBLE AND WAS REMOVED. IT IS NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - JOB SATISFACTION;  
\*ORGANIZATIONAL EFFECTIVENESS;  
\*PERSONNEL MANAGEMENT;  
\*CONSULTATION PROGRAMS; \*RESEARCH;  
PRODUCTIVITY; \*WORK ATTITUDES; WORK  
ENVIRONMENT; HUMAN ENGINEERING;  
PARTICIPANT INVOLVEMENT; INDUSTRIAL  
PERSONNEL; MANAGEMENT EDUCATION;  
EMPLOYER EMPLOYEE RELATIONSHIP;  
INTERVENTION

ABSTRACT - THIS REPORT DESCRIBES AND INTERPRETS A RESEARCH PROJECT AT A NEW BRANCH PHARMACEUTICAL MANUFACTURING PLANT WHICH WAS DESIGNED TO ASSESS THE RELATIONSHIP BETWEEN QUALITY OF WORKLIFE (QWL), PRODUCTIVITY, AND JOB SATISFACTION. THE PRINCIPAL OBJECTIVE WAS TO DETERMINE WHETHER A QWL CONSULTATION TO A NEW PLANT DURING ITS INITIAL OPERATION WOULD IMPROVE JOB SATISFACTION AND PRODUCTIVITY AS COMPARED TO AN ESTABLISHED PARENT PLANT. INTERVENTION METHODS INCLUDED CONSULTATION WITH MANAGEMENT, INVOLVEMENT OF SMALL TEAMS OF WORKERS IN THE PROBLEMS OF THE PLANT, PSYCHOLOGICAL ASSESSMENT, TRAINING AND ORIENTATION, AND CONTRIBUTING TO CONFLICT RESOLUTION AND COMMUNICATIONS FACILITATION. IN SPITE OF PROBLEMS ARISING FROM START-UP DIFFICULTIES AND A CHANGE IN CORPORATE OWNERSHIP, THE OUTCOMES WERE POSITIVE. AMONG THE TOTAL WORK FORCE THERE WAS EVIDENCE OF A MORE WIDELY SHARED EGO-INVOLVEMENT WITH THE PLANT AND ITS PROBLEMS, THE RATE OF ABSENTEEISM WAS CONSIDERABLY LOWER, AND MAJOR INITIAL PROBLEMS WERE SUCCESSFULLY OVERCOME TO ENABLE SATISFACTORY FULFILLMENT OF PRODUCTION GOALS. THE REPORT DESCRIBES DEVELOPMENTAL EVENTS, PREVAILING CONDITIONS, CONSULTING INTERVENTIONS, AND OUTCOMES. AN ANALYSIS IS PRESENTED OF WHAT DID AND DID NOT WORK. LEARNINGS AND RECOMMENDATIONS ARE DRAWN FROM THE EXPERIENCE IN ORDER

TO PROVIDE INDICATIONS FOR FUTURE EFFORTS TO ACHIEVE IMPROVED QWL AND ORGANIZATIONAL EFFECTIVENESS. (NJ)

VT 103 373

EXPLORING CAREERS IN HOSPITAL AND HEALTH ADMINISTRATION.

ASSOCIATION OF UNIVERSITY PROGRAMS IN HOSPITAL ADMINISTRATION, WASHINGTON, D.C.; PUBLIC HEALTH SERVICE (DHEW), WASHINGTON, D.C. BUREAU OF HEALTH MANPOWER. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. NO1-MB-44175  
PUB DATE - ND 19P.

DESCRIPTORS - \*HEALTH OCCUPATIONS;  
\*OCCUPATIONAL INFORMATION;  
BIBLIOGRAPHIES; \*ADMINISTRATIVE PERSONNEL; \*ADMINISTRATOR QUALIFICATIONS; \*ADMINISTRATOR EDUCATION; GUIDES; PROFESSIONAL PERSONNEL

ABSTRACT - THIS BOOKLET PROVIDES OCCUPATIONAL INFORMATION ON HOSPITAL AND HEALTH ADMINISTRATION CAREERS. SEVEN BIOGRAPHICAL SKETCHES ILLUSTRATE CAREER POSSIBILITIES. SALARIES, WORKING CONDITIONS, PERSONAL REQUIREMENTS, AND EDUCATIONAL PROGRAMS ARE SUMMARIZED, AND CURRENT GRADUATE AND UNDERGRADUATE PROGRAMS ARE LISTED. A BIBLIOGRAPHY OF SELECTED SOURCES OF CAREER INFORMATION IN THE FIELD IS INCLUDED. (RG)

VT 103 374

HULL, MARC; HALLORAN, WILLIAM  
PROFESSIONALS DEVELOPMENT PROGRAM FOR VOCATIONAL EDUCATORS OF HANDICAPPED STUDENTS. FINAL REPORT.

VERMONT STATE DEPT. OF EDUCATION, MONTPELIER. DIV. OF SPECIAL EDUCATION AND PUPIL PERSONNEL SERVICES.; VERMONT UNIV., BURLINGTON. DEPT. OF VOCATIONAL EDUCATION AND TECHNOLOGY. BUREAU OF EDUCATION FOR THE HANDICAPPED (DHEW/OE), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. OEG-0-71-4147 (603)



PUB DATE - AUG74 207P.; PAGE 66  
 WAS NOT REPRODUCIBLE AS IT APPEARED  
 IN THE ORIGINAL AND WAS RETYPED AT  
 THE CENTER FOR VOCATIONAL  
 EDUCATION. PAGES 194 AND 195  
 CONTAINING REACTIONS OF WORKSHOP  
 PARTICIPANTS WERE NOT REPRODUCIBLE  
 AND WERE REMOVED. THEY ARE NOT  
 INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*EDUCABLE MENTALLY  
 HANDICAPPED; \*VOCATIONAL EDUCATION  
 TEACHERS; \*CURRICULUM DEVELOPMENT;  
 \*SPECIAL EDUCATION; TEACHER  
 EDUCATION CURRICULUM; INSERVICE  
 TEACHER EDUCATION; PROGRAM  
 DESCRIPTIONS

ABSTRACT - THIS REPORT DESCRIBES A  
 PROJECT TO DEVELOP A TRAINING  
 PROGRAM FOR PRESERVICE AND  
 INSERVICE PREPARATION OF VERMONT  
 VOCATIONAL TEACHERS OF EDUCABLE  
 MENTALLY RETARDED (EMR) STUDENTS.  
 BRIEFLY DESCRIBED ARE PROJECT GOALS  
 AND ACTIVITIES, INSTRUCTIONAL  
 CONTENT SELECTION, ORIGINATION OF  
 INSTRUCTIONAL UNITS, DEVELOPMENT OF  
 DELIVERY SYSTEM, EVALUATION, AND  
 THE RECOMMENDED PROGRAM OF STUDY.  
 MOST OF THE REPORT CONSISTS OF  
 APPENDED MATERIAL WHICH INCLUDES  
 THE DELPHI INSTRUMENTS USED TO  
 COLLECT DATA RELATIVE TO THE  
 SELECTION OF INSTRUCTIONAL CONTENT;  
 A CHECKLIST OF COMPETENCIES NEEDED  
 BY VOCATIONAL EDUCATORS OF  
 HANDICAPPED STUDENTS; TWO SAMPLE  
 INSTRUCTIONAL UNITS; TWO SAMPLE  
 LEARNING ACTIVITY PACKAGES; THE  
 RECOMMENDED UNDERGRADUATE AND  
 GRADUATE PROGRAMS OF STUDY; A  
 SUMMARY OF A RESEARCH STUDY  
 INVESTIGATING THE VALIDITY OF THE  
 NONREADING APTITUDE TEST BATTERY  
 FOR EMR STUDENTS; AND A DESCRIPTION  
 OF A CLASSROOM SAMPLING RECORDER  
 STUDY PROGRAM. ALSO APPENDED IS  
 ADDITIONAL MATERIAL DESIGNED TO AID  
 IN THE SELECTION OF INSTRUCTIONAL  
 MATERIALS, EXITING OF STUDENTS FROM  
 THE PROGRAM, CONCEPT TEACHING,  
 DRIVER'S PERMIT PREPARATION AND  
 INSTRUCTIONAL MEDIA AND CURRICULUM  
 RESEARCH. A SAMPLE UNIT ON FOODS  
 AND NUTRITION IS INCLUDED. PROGRAM  
 EVALUATION FORMAT AND MATERIALS AND  
 THE PROGRAM OF WORK FOR THE PROJECT

COMPLETE THE REPORT. (NJ)

VT 103 375

SANDERS, CAROL.; AND OTHERS  
 LOCALLY BASED CAREER EDUCATION  
 INFUSION MODEL.

EASTERN ILLINOIS UNIV., CHARLESTON.  
 ILLINOIS PROFESSIONAL AND  
 CURRICULUM DEVELOPMENT UNIT FOR  
 VOCATIONAL AND TECHNICAL EDUCATION,  
 SPRINGFIELD.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 2.  
 PUB DATE - 30JUN76 35P.; PAGE 36  
 CONTAINING "JOB PLACEMENT PROGRAM  
 OBJECTIVES" WAS NOT REPRODUCIBLE  
 AND WAS REMOVED. IT IS NOT INCLUDED  
 IN THE PAGINATION.

DESCRIPTORS - \*WORKSHOPS; \*CAREER  
 EDUCATION; \*INSERVICE TEACHER  
 EDUCATION; QUESTIONNAIRES; \*FUSED  
 CURRICULUM; \*MODELS

ABSTRACT - IN ORDER TO INTRODUCE  
 CAREER GUIDANCE CONCEPTS INTO THE  
 REGULAR SCHOOL PROGRAM, THIS  
 PROJECT DEVELOPED A MODEL FOR  
 LOCALLY-BASED CAREER EDUCATION  
 INFUSION. A WEEK-LONG WORKSHOP WAS  
 HELD AT THREE DIFFERENT SITES FOR  
 REPRESENTATIVES FROM ELEMENTARY,  
 MIDDLE SCHOOL, AND SECONDARY  
 LEVELS, AND COUNSELORS AND  
 ADMINISTRATORS. THE PURPOSE WAS TO  
 CREATE A DISTRICT-WIDE AWARENESS  
 FOR MORE EFFECTIVE INFUSION OF  
 CAREER EDUCATION INTO THE REGULAR  
 CURRICULUM. INCLUDED IN THIS REPORT  
 IS THE MODEL, BRIEF NARRATIVE  
 SUMMARY OF ACTIVITIES, WORKSHOP  
 PLANNING PROCEDURES, SCHEDULES,  
 WORKSHOP SITE SELECTION CRITERIA,  
 PARTICIPANT INFORMATION SHEETS,  
 LISTING OF MATERIALS AND BOOKS  
 USED, EVALUATION AND FOLLOWUP  
 FORMS, AND SOME OF THE MATERIALS  
 DEVELOPED BY THE STAFF FOR PILOT  
 TESTING. (NJ)

VT 103 376

BROWNING, HARLEY L.; SINGLEMANN,  
 JOACHIM  
 THE EMERGENCE OF A SERVICE SOCIETY:  
 DEMOGRAPHIC AND SOCIOLOGICAL  
 ASPECTS OF THE SECTORAL  
 TRANSFORMATION OF THE LABOR FORCE

IN THE U.S.A.

TEXAS UNIV., AUSTIN. CENTER FOR  
POPULATION RESEARCH.  
EMPLOYMENT AND TRAINING  
ADMINISTRATION (DOL), WASHINGTON,  
D.C. OFFICE OF RESEARCH AND  
DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

DL 21-48-73-45

NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.  
PUB DATE - 30JUN75 299P.

DESCRIPTORS - \*EMPLOYMENT TRENDS;  
\*EMPLOYMENT PATTERNS; FEMALES;  
WORKING WOMEN; NEGRO EMPLOYMENT;  
MEXICAN AMERICANS; \*LABOR  
ECONOMICS; MANPOWER UTILIZATION;  
JOB SATISFACTION; WAGES;  
STATISTICAL ANALYSIS

ABSTRACT - THIS STUDY EXAMINES THE  
INTER-INDUSTRY SHIFTS OF THE U.S.  
LABOR FORCE DURING THE LAST  
CENTURY--THE MOVEMENT FROM  
AGRICULTURE TO SERVICES. A SIX-  
SECTOR SCHEME IS USED TO  
DIFFERENTIATE THE TERTIARY SECTOR:  
EXTRACTIVE, TRANSFORMATIVE,  
DISTRIBUTIVE SERVICES, PRODUCER  
SERVICES, SOCIAL SERVICES, AND  
PERSONAL SERVICES. THE MAIN DATA  
SOURCE IS THE BUREAU OF THE CENSUS  
ONE PERCENT PUBLIC USE SAMPLES FOR  
1960 AND 1970. INDUSTRY STRUCTURE  
IS IDENTIFIED AND ITS  
TRANSFORMATION TRACED IN EXAMINING  
LONG-TERM TRENDS, WORK SCHEDULING  
AND STABILITY OF EMPLOYMENT, AGE  
STRUCTURE AND INDUSTRY CHANGE, AND  
THE INTERRELATION OF INDUSTRY AND  
OCCUPATION. THE QUESTION OF WHO IS  
EMPLOYED AND IN WHAT SECTORS AND  
INDUSTRIES ADDRESSES THE INDUSTRIAL  
POSITION OF FEMALES AND BLACKS AND  
MEXICAN AMERICANS. SOME IMPORTANT  
CONSEQUENCES OF THE SECTORAL  
TRANSFORMATION ARE PRESENTED IN THE  
DISCUSSION OF EARNINGS INEQUALITY  
AND THE RELATIVE MERITS OF THE  
SECTOR MODEL AND THE HUMAN CAPITAL  
MODEL IN EXPLAINING THE  
TRANSFORMATION. FINALLY, A NUMBER  
OF SOCIOLOGICAL IMPLICATIONS OF THE

CHANGE ARE ADDRESSED: CONDITIONS OF  
WORK, WORK SATISFACTION, AND WORK  
ALIENATION AND ITS IMPACT ON THE  
CLASS STRUCTURE. (NJ)

VF 103 377

A PROJECT TO DETERMINE TEACHING  
CONTENT. FINAL REPORT.

MIDDLE TENNESSEE STATE UNIV.,  
MURFREESBORO.

TENNESSEE STATE DEPT. OF EDUCATION,  
NASHVILLE. DIV. OF VOCATIONAL-  
TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - ND 113P.

DESCRIPTORS - VOCATIONAL EDUCATION;  
\*VOCATIONAL DIRECTORS;  
ADMINISTRATOR EDUCATION; \*TASK  
ANALYSIS; \*SURVEYS; \*ADMINISTRATOR  
ATTITUDES; CONFERENCES;  
\*ADMINISTRATIVE PERSONNEL

ABSTRACT - THE PURPOSES OF THIS  
STUDY WERE TO IDENTIFY SPECIFIC  
TASKS PERFORMED AND INFORMATION  
NEEDED BY VOCATIONAL EDUCATION  
ADMINISTRATIVE PERSONNEL IN  
TENNESSEE AND TO EXPLORE INNOVATIVE  
APPROACHES FOR UTILIZING THIS  
INFORMATION IN STAFF DEVELOPMENT  
ACTIVITIES. EACH OF THE THREE  
ADMINISTRATOR GROUPS PARTICIPATED  
IN A CONFERENCE TO IDENTIFY TASKS  
PERFORMED AND INFORMATION NEEDED  
FOR VOCATIONAL ADMINISTRATORS. THE  
RESULTANT LIST WAS MAILED TO ALL  
MEMBERS OF EACH APPROPRIATE GROUP  
IN TENNESSEE WHO WERE TO RATE THE  
ITEMS IN TERMS OF IMPORTANCE AND  
FREQUENCY OF PERFORMANCE. THE  
REPORT DESCRIBES THE PROCEDURES  
UTILIZED IN DEVELOPING THE LISTS,  
PRESENTS THE LISTS AND RELATED  
INFORMATION IDENTIFIED FOR EACH OF  
THE THREE ADMINISTRATIVE GROUPS,  
AND SUMMARIZES THE REACTIONS OF  
VOCATIONAL ADMINISTRATORS  
THROUGHOUT TENNESSEE WITH REGARD TO  
THE IMPORTANCE AND FREQUENCY OF  
PERFORMANCE OF EACH TASK OR ITEM OF  
INFORMATION. THE REPORT ALSO  
DESCRIBES THE CONFERENCE CONDUCTED  
TO DEVELOP METHODS FOR TRAINING NEW  
VOCATIONAL ADMINISTRATORS AND  
EXISTING PERSONNEL, UTILIZING THE

NEWLY ACQUIRED INFORMATION FROM THE PREVIOUS CONFERENCE AND SURVEY. ONE-HALF OF THE REPORT CONSISTS OF APPENDIXES CONTAINING LISTS OF CONFERENCE PARTICIPANTS, CONFERENCE AND SURVEY RELATED MATERIALS, SAMPLE SURVEY FORMS, AND CONFERENCE EVALUATION FORMS. (NJ)

VT 103 378

FINCH, CURTIS R., ED.; HARRIS, RUTH D., ED.

IMPLEMENTING COMPETENCY-BASED TEACHER EDUCATION: FUTURE DIRECTIONS FOR VOCATIONAL TEACHER EDUCATORS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

PUB DATE - JUN76 136P.; PAPERS PRESENTED AT THE INSTITUTE ON COMPETENCY-BASED TEACHER EDUCATION FOR VIRGINIA VOCATIONAL AND TECHNICAL TEACHER EDUCATORS (BLACKSBURG, VIRGINIA, NOVEMBER 23-26, 1975).

DESCRIPTORS - \*PERFORMANCE BASED TEACHER EDUCATION; \*VOCATIONAL EDUCATION TEACHERS; \*CONFERENCE REPORTS; \*PROGRAM DEVELOPMENT; RESOURCE MATERIALS

ABSTRACT - THIS PUBLICATION IS INTENDED TO PROVIDE DIRECTION FOR THOSE WHO CONTEMPLATE ESTABLISHING A COMPETENCY-BASED PROGRAM FOR VOCATIONAL TEACHERS. IT SHOULD BE OF VALUE AS A BASIC RESOURCE IN THE AREA OF COMPETENCY-BASED TEACHER EDUCATION (CBTE) AND SERVE AS A USEFUL TOOL FOR CBTE PROGRAM IMPLEMENTATION AND IMPROVEMENT. MAJOR PAPERS DEVELOPED FOR THE INSTITUTE OF COMPETENCY-BASED TEACHER EDUCATION ARE INCLUDED IN THE DOCUMENT, AS WELL AS TWO PAPERS PREPARED AFTER THE INSTITUTE WAS HELD. THE PAPERS AND THEIR AUTHORS ARE: (1) "THE CHALLENGE OF COMPETENCY-BASED TEACHER EDUCATION" BY RUTH D. HARRIS AND CURTIS R. FINCH, (2) "COMPETENCY-BASED

EDUCATION: STATUS AND RESEARCH" BY W. ROBERT HOUSTON, (3) "INSTRUCTIONAL MATERIALS FOR COMPETENCY-BASED TEACHER EDUCATION" BY JAMES B. HAMILTON AND GLENN E. FARDIG, (4) "DELIVERING TEACHING/LEARNING FOR COMPETENCY-BASED EDUCATION" BY DANIEL E. VOGLER, (5) "WRITING COMPETENCY-BASED EDUCATION MODULES" BY DANIEL E. VOGLER, (6) "CONCERNS IN THE IMPLEMENTATION OF COMPETENCY-BASED TEACHER EDUCATION" BY MARTHA LEE BLANKENSHIP, AND (7) "TOWARD A FRAMEWORK FOR IMPLEMENTING COMPETENCY-BASED TEACHER EDUCATION" BY CURTIS R. FINCH AND RUTH D. HARRIS. SEVERAL PAPERS INCLUDE A LIST OF REFERENCES; THE REFERENCES FOR THE PAPER ON INSTRUCTIONAL MATERIALS CONSTITUTE 10 PAGES. (AUTHOR/RG)

VT 103 379

MILLER, HARRY

IMPLEMENTATION OF THE OCCUPATIONAL CLUSTER CONCEPT: A CURRICULUM TOOL FOR IMPROVING CAREER DEVELOPMENT AND PREPARATION EDUCATION. INTERIM REPORT: JULY 1, 1975-JUNE 30, 1976.

CALHOUN AREA VOCATIONAL CENTER, BATTLE CREEK, MICH.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

G05.75.00047

PUB DATE - JUL76 245P.; PAGES 206-223, 232-235, 245-248, 260-264, AND 277-291 CONTAINING CAVC CAREER DEVELOPMENT FORM FREQUENCY DISTRIBUTIONS WERE NOT REPRODUCIBLE AND WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - AREA VOCATIONAL SCHOOLS; ELEMENTARY SECONDARY EDUCATION; POST SECONDARY EDUCATION; \*OCCUPATIONAL CLUSTERS; DELIVERY SYSTEMS; \*CURRICULUM DEVELOPMENT; \*JOB SKILLS; CAREER EDUCATION; \*VOCATIONAL EDUCATION; PROGRAM EVALUATION; \*CAREER PLANNING; EDUCATIONAL DIAGNOSIS; STUDENT EVALUATION

ABSTRACT - THIS REPORT PRESENTS A



DETAILED DESCRIPTION OF THE FIRST-YEAR EFFORTS OF A THREE-YEAR PROJECT TO DEMONSTRATE THE APPLICATION OF THE CLUSTER CONCEPT AS AN ORGANIZATIONAL TECHNIQUE TO FACILITATE THE DELIVERY OF CAREER DEVELOPMENT SKILLS AND OCCUPATIONAL PREPARATORY SKILLS INSTRUCTION. THE MAJOR PRODUCT COMPONENTS OF THE PROJECT ARE: (1) A MANAGEMENT MODEL, (2) AN INTERNAL PROCESS EVALUATION, (3) THE CLUSTERING OF VOCATIONAL/TECHNICAL CURRICULUM, (4) SUPPORT COMPONENTS, (5) A CAREER DEVELOPMENT CURRICULUM, (6) PLACEMENT SERVICES AND SKILLS, AND (7) CAREER CLUSTER INTEGRATION, DISSEMINATION, AND K-14 ARTICULATION. ACCOMPLISHMENTS DURING THE FIRST YEAR WERE LARGELY PLANNING AND DEVELOPMENTAL IN NATURE, AND CONCERNED MANAGEMENT DESIGN, INSTRUCTIONAL STRATEGIES, STAFF TRAINING, AND CURRICULUM DEVELOPMENT. THE THIRD PARTY EVALUATION BY CARKHUFF ASSOCIATES IS INCLUDED IN THE DOCUMENT. THE RESULTS OF THE COMPILATION OF BASE RATE DATA FOR EVALUATION PURPOSES ARE REPORTED, AND SUMMARY STATEMENTS REGARDING OTHER MAJOR PROJECT CONCERNS ARE ALSO CONTAINED IN THE DOCUMENT. THE EVALUATORS CONCLUDED THAT THE PROJECT HAS EFFECTED A SOLID MANAGEMENT BASE, STAFF RECEPTIVITY TO PROJECT GOALS, AND COMMITMENT TO TRAINING. APPENDIXES COMPRISE ABOUT HALF THE DOCUMENT AND INCLUDE SPECIFIC OBJECTIVES FOR ACHIEVING PROJECT GOALS, ANTICIPATED OUTCOMES FOR JUNIOR HIGH, SENIOR HIGH, AND AREA VOCATIONAL STUDENTS, AND STUDENT CAREER DEVELOPMENT SURVEY FORMS. (AUTHOR/RG)

VT 103 380

STRATE, JAMES W.; BRORSON, BRUCE  
A MODEL DISTRIBUTIVE EDUCATION  
COMPETENCY BASED LEARNING  
LABORATORY. FINAL REPORT.

NORTH DAKOTA UNIV., GRAND FORKS.  
NORTH DAKOTA STATE BOARD FOR  
VOCATIONAL AND TECHNICAL EDUCATION,  
BISMARCK. RESEARCH COORDINATING  
UNIT.; OFFICE OF EDUCATION  
(CHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 01JUN76 70P.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; SIMULATED ENVIRONMENT;  
RESEARCH PROJECTS; \*TEACHING  
SKILLS; EDUCATIONAL FACILITIES;  
\*CURRICULUM DEVELOPMENT; SCHOOL  
SURVEYS; \*INSERVICE TEACHER  
EDUCATION; PRESERVICE EDUCATION;  
\*DISTRIBUTIVE EDUCATION TEACHERS  
IDENTIFIERS - \*SCHOOL STORES

ABSTRACT - THE RESEARCH PROJECT  
FOCUSED ON THE UTILIZATION OF THE  
MODEL-SCHOOL STORE AS A  
DISTRIBUTIVE EDUCATION LEARNING  
LABORATORY. OBJECTIVES WERE TO: (1)  
DETERMINE THE COMPETENCIES REQUIRED  
OF TEACHER-COORDINATORS; (2)  
DETERMINE THE INSTRUCTIONAL  
MATERIALS AND EQUIPMENT NEEDED; (3)  
DEVELOP A MODEL-SCHOOL STORE  
CURRICULUM FOR SECONDARY  
EDUCATION; AND (4) PROVIDE A MODEL-  
SCHOOL STORE LEARNING LABORATORY  
FOR TEACHER-COORDINATORS. BASED  
UPON A LITERATURE REVIEW AND  
ADVISORY COMMITTEE RECOMMENDATIONS,  
LUCY CRAWFORD'S 226 TEACHER  
COORDINATOR COMPETENCIES WERE ALL  
ACCEPTED AS ESSENTIAL, AND STATE  
SUPERVISORS OF DISTRIBUTIVE  
EDUCATION WERE CONTACTED FOR  
INFORMATION ABOUT PROGRAMS IN THEIR  
STATE. SEVENTY TEACHER COORDINATORS  
RESPONDED TO A QUESTIONNAIRE SURVEY  
REGARDING THE OPERATION OF THE  
MODEL STORE AT THEIR SCHOOL. IN  
ADDITION, 30 PERSONAL INTERVIEWS ON  
EMPLOYMENT SKILLS WERE CONDUCTED  
WITH LOCAL BUSINESS PERSONNEL. A  
MAJOR SURVEY FINDING WAS THAT STATE  
SUPERVISION HAD THE GREATEST IMPACT  
ON THE IMPLEMENTATION OF MODEL-  
SCHOOL STORES. SPECIFIC  
RECOMMENDATIONS ARE OFFERED FOR  
PRESERVICE AND INSERVICE TRAINING  
OF TEACHER COORDINATORS. APPENDED  
ARE THE CORRESPONDENCE AND SURVEY  
INSTRUMENTS, CRAWFORD'S LIST OF  
COMPETENCIES, A DISTRIBUTIVE  
EDUCATION SUPPLIES AND EQUIPMENT  
BUDGET, AND LIST OF REFERENCES.  
(AUTHOR/RG)

VT 103 381

A CREATIVE CAREER EDUCATION  
LANGUAGE ARTS PROJECT FOR THE  
DISADVANTAGED. FINAL REPORT.

PORTLAND PUBLIC SCHOOLS, OREG. AREA  
III CAREER EDUCATION DEPT.  
OREGON STATE DEPT. OF EDUCATION,  
SALEM. DIV. OF COMMUNITY COLLEGES  
AND CAREER EDUCATION.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
26-001-293

PUB DATE - MAR76 27P.; PAGES 18  
THROUGH 32 CONTAINING PHOTOGRAPHS  
OF WORKERS AND COMMENTS BY STUDENTS  
WERE NOT REPRODUCIBLE AND WERE  
REMOVED. THEY ARE NOT INCLUDED IN  
THE PAGINATION.

DESCRIPTORS - \*DISADVANTAGED YOUTH;  
SCHOOL COMMUNITY RELATIONSHIP;  
\*GRADE 7; \*GRADE 8; \*CAREER  
EXPLORATION; SECONDARY EDUCATION;  
\*STUDENT DEVELOPED MATERIALS;  
LANGUAGE ARTS; PROGRAM  
DESCRIPTIONS; READING MATERIALS

ABSTRACT - THIS REPORT DESCRIBES A  
PROJECT TO BUILD MOTIVATION AND  
INCREASE LANGUAGE ARTS SKILLS OF  
DISADVANTAGED STUDENTS THROUGH  
INVOLVEMENT IN A CAREER EXPLORATION  
PROGRAM. A CLASS OF 28 STUDENTS  
REVIEWED CAREER CLUSTERS AND  
INDICATED THEIR PERSONAL INTEREST.  
EMPLOYED REPRESENTATIVES FROM THE  
COMMUNITY WITH BACKGROUNDS SIMILAR  
TO THE STUDENTS' VISITED THE  
CLASSROOM AND DISCUSSED THEIR  
ROLES, JOBS, AND RESPONSIBILITIES.  
FOLLOWING THE CLASSROOM VISIT,  
SMALL GROUPS OF STUDENTS VISITED  
THE JOB SITES OF THOSE WHO HAD  
VISITED THE CLASSROOM. THE STUDENTS  
MADE NOTES AND TOOK PICTURES; THESE  
COMMENTS AND PHOTOGRAPHS WERE THEN  
PREPARED AS STORIES INTENDED FOR  
COMPILATION IN BOOKLET FORM FOR USE  
BY OTHER STUDENTS. ALTHOUGH THE  
PROJECT WAS NOT COMPLETED IN TERMS  
OF DEVELOPING THE READING BOOKLETS  
AND A SUBSEQUENT EVALUATION, IT WAS  
RECOMMENDED THAT THE PROCESS  
IMPLEMENTED FOR THIS TYPE OF DIRECT  
EXPERIENCE BE ENCOURAGED.  
(AUTHOR/RG)

VT 103 382

ADAPTATION OF HOME ECONOMICS  
CURRICULA FOR SPECIAL NEEDS. FINAL  
REPORT.

NORTH DAKOTA UNIV., GRAND FORKS.  
DIV. OF CONTINUING EDUCATION.;  
NORTH DAKOTA UNIV., GRAND FORKS.  
DEPT. OF HOME ECONOMICS AND  
NUTRITION.  
NORTH DAKOTA STATE BOARD FOR  
VOCATIONAL EDUCATION, BISMARCK.  
RESEARCH COORDINATING UNIT.; OFFICE  
OF EDUCATION (DHEW/OE), WASHINGTON,  
D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

RCU 34  
PUB DATE - JUN76 44P.; PAGES 29  
AND 30 CONTAINING CORRESPONDENCE TO  
CONFERENCE PARTICIPANTS WERE NOT  
REPRODUCIBLE AND WERE REMOVED. THEY  
ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*HOME ECONOMICS  
TEACHERS; \*SEMINARS; \*HANDICAPPED  
STUDENTS; \*HOME ECONOMICS  
EDUCATION; REGULAR CLASS PLACEMENT;  
\*TEACHER ATTITUDES; CURRICULUM  
PLANNING; INSERVICE TEACHER  
EDUCATION; CREDIT COURSES;  
PRESERVICE EDUCATION

ABSTRACT - THIS REPORT DESCRIBES A  
TWO-DAY SEMINAR TO ENABLE HOME  
ECONOMICS TEACHERS TO MORE  
EFFECTIVELY INTEGRATE HANDICAPPED  
STUDENTS INTO THE REGULAR  
CLASSROOM. THE 65 PARTICIPANTS  
INCLUDED HOME ECONOMICS TEACHERS,  
UNIVERSITY STUDENTS, SPECIAL NEEDS  
TEACHERS, AND HOME ECONOMICS  
SUBJECT MATTER SPECIALISTS IN  
HIGHER EDUCATION. SEMINAR  
PRESENTATIONS WERE SUPPLEMENTED  
WITH PACKETS OF INSTRUCTIONAL  
MATERIALS AND A BROWSING AREA  
DISPLAYING AVAILABLE CURRICULUM  
GUIDES AND RESOURCES. THE  
PARTICIPANTS COMPLETED TWO  
ASSESSMENT DEVICES DESIGNED TO  
MEASURE THEIR DEGREE OF CONTACT  
WITH PHYSICALLY DISABLED PERSONS  
AND ATTITUDES TOWARD DISABLED  
PERSONS. ALTHOUGH RESULTS OF A  
PRETEST AND POSTTEST SHOWED NO  
SIGNIFICANT CHANGE IN ATTITUDES  
TOWARDS THE HANDICAPPED, MANY

PARTICIPANTS INDICATED THAT THEIR OVERALL ACCEPTANCE OF AND WILLINGNESS TO WORK WITH HANDICAPPED INDIVIDUALS HAD CHANGED AS A RESULT OF HAVING ATTENDED THE SEMINAR. APPENDED ARE THE LIST OF MATERIALS FOR THE INSTRUCTIONAL PACKET, THE SIX PRESENTATIONS TAPED FOR USE IN FUTURE WORKSHOPS, CORRESPONDENCE, A LIST OF PROJECTS COMPLETED FOR COLLEGE CREDIT, AND RESULTS OF THE SEMINAR EVALUATION. (AUTHOR/RG)

VT 103 383

HOME ECONOMICS RELATED OCCUPATIONS PROMOTION IN NEBRASKA THROUGH MEDIA, VISITATIONS, AND PROFESSIONAL DEVELOPMENT. FINAL REPORT.

KEARNEY STATE COLL., NEBR.  
NEBRASKA STATE DEPT. OF EDUCATION,  
LINCOLN. DIV. OF VOCATIONAL  
EDUCATION.; OFFICE OF EDUCATION  
(CHEW/OE), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - NO 49P.;  
APPENDIX E CONTAINING  
CORRESPONDENCE TO WORKSHOP  
PARTICIPANTS WAS NOT REPRODUCIBLE  
AND WAS REMOVED. IT IS NOT INCLUDED  
IN THE PAGINATION.

DESCRIPTORS - \*HOME ECONOMICS  
TEACHERS; METHODS COURSES;  
INSERVICE TEACHER EDUCATION; \*WORK  
EXPERIENCE PROGRAMS; PUBLIC  
RELATIONS; PROGRAM DEVELOPMENT;  
STATE PROGRAMS; \*OCCUPATIONAL HOME  
ECONOMICS; SECONDARY EDUCATION;  
POSTSECONDARY EDUCATION;  
\*PUBLICIZE; \*INFORMATION  
DISSEMINATION; RESOURCE MATERIALS  
IDENTIFIERS - NEBRASKA

ABSTRACT - THE ONE-YEAR STUDY WAS  
PRIMARILY A PUBLIC RELATIONS THRUST  
TO FAMILIARIZE NEBRASKA HOME  
ECONOMICS TEACHERS AND THEIR  
ADMINISTRATORS WITH THE BENEFITS OF  
IMPLEMENTING HOME ECONOMICS RELATED  
OCCUPATIONS (HERO) PROGRAMS INTO  
THEIR CURRICULUM. PROCEDURES WERE  
TO: (1) DEVELOP PROGRAM EVALUATION  
REVIEW TECHNIQUES (PERT); (2) USE  
MASS MEDIA, SUCH AS BROCHURES,

NEWSPAPER ARTICLES, AND SLIDES; (3)  
PROVIDE INSERVICE EDUCATION THROUGH  
VISITS TO INTERESTED TEACHERS AND  
ADMINISTRATORS; (4) PREPARE A  
BIBLIOGRAPHY OF CURRENT MATERIALS  
AND RESOURCES; (5) TEACH THREE HERO  
WORKSHOPS; (6) DEVELOP GUIDELINES  
TO AID IN INITIATING AND  
ADMINISTERING HERO PROGRAMS; AND  
(7) EVALUATE RESULTS AND CONDUCT  
FOLLOWUP ACTIVITIES. THE  
ANTICIPATED 100 PERCENT INCREASE IN  
THE NUMBER OF HERO PROGRAMS WAS  
ACHIEVED AS A RESULT OF THE  
PROJECT. IT WAS RECOMMENDED THAT  
CONTINUED ASSISTANCE BE PROVIDED IN  
IMPLEMENTING PROGRAMS THROUGH  
METHODS COURSES, WORKSHOPS,  
DISSEMINATION OF RESOURCE  
MATERIALS, AND SERVICES OF A  
FULLTIME CONSULTANT. APPENDED ARE  
PROJECT CORRESPONDENCE, THE COURSE  
SCHEDULE, AND SCRIPT FOR THE SLIDE  
PRESENTATION. (AUTHOR/RG)

VT 103 384

A NEEDS ASSESSMENT AND TASK  
ANALYSIS IN ANIMAL SCIENCE IN YUMA  
COUNTY. FINAL REPORT.

ARIZONA WESTERN COLL., YUMA.  
ARIZONA STATE DEPT. OF EDUCATION,  
PHOENIX. OCCUPATIONAL RESEARCH  
COORDINATING UNIT.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 30JUN76 25P.

DESCRIPTORS - \*NEEDS ASSESSMENT;  
\*TASK ANALYSIS; \*ANIMAL SCIENCE;  
OCCUPATIONAL SURVEYS; EMPLOYMENT  
PROJECTIONS  
IDENTIFIERS - YUMA COUNTY; ARIZONA

ABSTRACT - A NEEDS ASSESSMENT AND  
TASK ANALYSIS IN ANIMAL SCIENCE FOR  
AGRICULTURAL EMPLOYMENT WAS  
CONDUCTED IN SOUTHERN YUMA COUNTY.  
LIVESTOCK PRODUCERS WERE IDENTIFIED  
AND INTERVIEWED TO DETERMINE: (1)  
THE NUMBER OF EMPLOYEES NEEDING  
KNOWLEDGE IN ANIMAL SCIENCE  
CURRENTLY EMPLOYED; (2) THE  
ANTICIPATED NUMBER OF EMPLOYEES  
NEEDING KNOWLEDGE IN ANIMAL  
SCIENCE; AND (3) THE TASKS  
PERFORMED BY THE EMPLOYEE. AS A  
RESULT, 14 EMPLOYERS IDENTIFIED 15



JOB TITLES REQUIRING KNOWLEDGE AND SKILLS IN ANIMAL SCIENCE. OF THE TOTAL 123 EMPLOYEES IDENTIFIED, THE LARGEST NUMBER HAD THE TITLE OF GENERAL FARM LABORER. RESPONDENTS IDENTIFIED 22 ESSENTIAL COMPETENCIES, WITH MAINTENANCE OF EQUIPMENT, CORRALS, AND FENCES AS MOST IMPORTANT. RESULTS OF THE SURVEY PERTAINING TO COMPETENCIES, TASKS, AND EMPLOYMENT APPEAR IN NARRATIVE AND TABULAR FORM. APPENDIXES INCLUDE THE SURVEY INSTRUMENT AND OTHER PROJECT-RELATED MATERIAL. (AUTHOR/NJ)

#### VT 103 385

A SURVEY AND JOB DESCRIPTION OF EMPLOYMENT OPPORTUNITIES FOR THE TRAINABLE MENTALLY HANDICAPPED IN MESA, ARIZONA. FINAL REPORT.

MESA HIGH SCHOOL DISTRICT, ARIZ. ARIZONA STATE DEPT. OF EDUCATION, PHOENIX. OCCUPATIONAL RESEARCH COORDINATING UNIT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 76 50P.; PAGES 30, 45, AND 51 CONTAINING DATA IN TABULAR FORM WERE NOT REPRODUCIBLE AND WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION. PAGE 20 WAS NOT REPRODUCIBLE AS IT APPEARED IN THE ORIGINAL DOCUMENT AND WAS RETYPED AT THE CENTER FOR VOCATIONAL EDUCATION.

DESCRIPTORS - \*OCCUPATIONAL SURVEYS; \*EMPLOYMENT OPPORTUNITIES; \*TRAINABLE MENTALLY HANDICAPPED; \*TASK ANALYSIS; EMPLOYMENT QUALIFICATIONS; INDIVIDUAL CHARACTERISTICS; UNSKILLED OCCUPATIONS

ABSTRACT - THE OBJECTIVES OF THIS PROJECT WERE TWOFOLD: (1) TO IDENTIFY THE SPECIFIC CHARACTERISTICS WHICH THE TRAINABLE MENTALLY HANDICAPPED INDIVIDUAL NEEDS TO OBTAIN EMPLOYMENT, AND (2) TO IDENTIFY THOSE AREAS IN WHICH THE TRAINABLE MENTALLY HANDICAPPED COULD FIND EMPLOYMENT. A QUESTIONNAIRE WAS ADMINISTERED TO A RANDOM SAMPLE OF 20 PERCENT OF THE AREA BUSINESSES KNOWN TO EMPLOY BUS

BOYS, DISHWASHERS AND KITCHEN HELPERS, MAIDS, CARPENTER'S HELPERS, ASSEMBLY LINE WORKERS, GROUNDSKEEPERS, CAR WASH ATTENDANTS, AND JANITORS. THIS REPORT CONTAINS TABULATED DATA SHOWING THE NUMBER AND TYPE OF HANDICAPPED INDIVIDUALS HIRED PRESENTLY AND IN THE PAST BY LOCAL BUSINESSES AND THE NUMBER OF EMPLOYERS WHO SAID THEY WOULD HIRE TRAINABLE MENTALLY HANDICAPPED INDIVIDUALS. NARRATIVE REPORTS ARE INCLUDED FOR EACH OF THE EIGHT OCCUPATIONAL AREAS. OUTCOMES INDICATED THAT OF THE EIGHT OCCUPATIONAL AREAS INVESTIGATED, ONLY THE AREA OF CARPENTER'S HELPER WOULD NOT BE CONDUCTIVE FOR EMPLOYMENT. THE APPENDIX CONSISTS OF THE INTERVIEW SCHEDULE AND TABLES WHICH INDICATE EMPLOYERS' RATINGS OF THE AFFECTIVE, COGNITIVE, AND PSYCHOMOTOR CHARACTERISTICS NEEDED FOR EMPLOYMENT IN EACH OF THE EIGHT AREAS. (NJ)

#### VT 103 386

HEALTH OCCUPATIONS NEEDS ASSESSMENT FOR THE GLENDALE UNION HIGH SCHOOL DISTRICT. FINAL REPORT.

THUNDERBIRD HIGH SCHOOL, PHOENIX, ARIZ.

ARIZONA STATE DEPT. OF EDUCATION, PHOENIX. OCCUPATIONAL RESEARCH COORDINATING UNIT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 04JUN76 76P.

DESCRIPTORS - \*NEEDS ASSESSMENT; \*HEALTH OCCUPATIONS; \*COMMUNITY SURVEYS; \*SCHOOL SURVEYS; TABLES (DATA)

ABSTRACT - A COMMUNITY AND SCHOOL SURVEY WAS MADE OF THE GLENDALE UNION HIGH SCHOOL DISTRICT TO DETERMINE THE NEED FOR A HEALTH OCCUPATIONS PROGRAM AT THE HIGH SCHOOL LEVEL. PROCEDURES CONSISTED OF A LITERATURE REVIEW; VISITS TO LOCAL HEALTH OCCUPATIONS AND CAREER PROGRAMS; AND ADMINISTRATION OF NEEDS ASSESSMENT INSTRUMENTS TO HIGH SCHOOL STUDENTS, GLENDALE

COMMUNITY COLLEGE STUDENTS, AND REPRESENTATIVES OF THE LOCAL HEALTH COMMUNITY. DETAILED RESULTS OF THE ANALYZED RESPONSES ARE PRESENTED IN NARRATIVE AND TABULAR FORM. TABLES PRESENT THE FREQUENCIES AND PERCENTAGES OF RESPONSES FOR THE HIGH SCHOOL STUDENTS CATEGORIZED AS 10 NEEDS, 25 GOALS, 10 HIGH SCHOOL ACTIVITIES, AND CHOICE OF CAREER FIELD. TABLES INDICATE FREQUENCIES AND PERCENTAGES OF GLENDALE COMMUNITY COLLEGE AND THE HEALTH COMMUNITY RESPONSES TO 10 NEEDS AND 25 GOALS. TABLES ALSO PRESENT THE CHI-SQUARE STATISTICS COMPARING RESPONSES TO THE 10 NEEDS AND 25 GOALS OF THE HIGH SCHOOL STUDENTS, COMMUNITY COLLEGE STUDENTS, AND THE HEALTH COMMUNITY. AS A RESULT OF THE NEEDS ASSESSMENT, PROGRAM RECOMMENDATIONS AND RATIONALE FOR A COURSE IN HEALTH OCCUPATIONS ARE OFFERED. THE SURVEY INSTRUMENTS ARE APPENDED TO THE REPORT. (NJ)

VT 103 387

STEWART, IDA SANTOS; STONE, NORMA K.

THE IDENTIFICATION OF TEXAS ANGLO, BLACK AND CHICANO CHILD REARING AND CHILD CARE PRACTICES IN RELATION TO CHILD CARE CAREER COMPETENCIES.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; HOUSTON UNIV., TEX. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - 76 251P.; SOME TABULAR MATERIAL MAY NOT REPRODUCE WELL. BEST COPY AVAILABLE.

DESCRIPTORS - \*DAY CARE SERVICES; \*CHILD CARE CENTERS; CHILD REARING; CULTURAL DIFFERENCES; QUESTIONNAIRES; SURVEYS; COMPARATIVE ANALYSIS; \*PARENT ATTITUDES; \*CHILD CARE WORKERS; EARLY CHILDHOOD; PROFESSIONAL PERSONNEL; \*ATTENDANT TRAINING; \*CULTURAL FACTORS; ANGLO AMERICANS; MEXICAN AMERICANS; NEGROES IDENTIFIERS - TEXAS

ABSTRACT - CULTURAL FACTORS IN

CHILD REARING AND CHILD CARE CENTER PRACTICES WHICH MAY INFLUENCE TRAINING FOR CHILD CARE PERSONNEL IN TEXAS WERE SURVEYED AND ARE DISCUSSED IN THIS REPORT. RESEARCH OBJECTIVES WERE TO: (1) IDENTIFY ANGLO, BLACK, AND CHICANO CHILD REARING PRACTICES, (2) IDENTIFY CHILD CARE CENTER PRACTICES, (3) COMPARE REGIONAL PRACTICES IN RELATION TO CULTURE, AND (4) IDENTIFY THE RELATION OF CULTURAL FACTORS TO VOCATIONAL TRAINING FOR CHILD CARE PERSONNEL.

QUESTIONNAIRES WERE ADMINISTERED TO REPRESENTATIVE SAMPLES OF PARENTS, CHILD CARE PRACTITIONERS, AND PROFESSIONALS IN SIX GEOGRAPHIC REGIONS OF TEXAS. A COMPUTER PROGRAM WAS USED TO EXAMINE RELATIONSHIPS AND DETERMINE SIGNIFICANCES. RESPONSES ARE PRESENTED IN NARRATIVE AND TABULAR FORM. DISCUSSION IS ORGANIZED AROUND RESPONSE DATA ON FAMILY RELATIONSHIPS, DISCIPLINE, FEEDING-EATING PRACTICES, SLEEPING BEHAVIORS, TOILET-TRAINING, VERBAL INTERACTIONS, CHILD CARE CENTER ATTRIBUTES, AND PARENT-CENTER RELATIONSHIPS. IT WAS CONCLUDED THAT THERE ARE FEW MAJOR CULTURAL DIFFERENCES IN ANGLO, BLACK, AND CHICANO CHILD-REARING PRACTICES AND CHILD CARE CENTER PRACTICES, AND THAT CULTURAL FACTORS MAY NOT BE AS IMPORTANT TO VOCATIONAL TRAINING OF CHILD CARE PERSONNEL AS HAD BEEN THOUGHT. THE INSTRUMENTS USED IN THE STUDY ARE APPENDED. (MF)

VT 103 388

JUNGE, CATHERINE  
DEVELOPMENT OF INSTRUCTIONAL MODULE ORIENTATION TO THE HEALTH CARE DELIVERY SYSTEM. FINAL REPORT.

TEXAS WOMAN'S UNIV., DENTON. INST. OF HEALTH SCIENCES.  
TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. 52340105  
PUB DATE - 30JUN75 306P.

DESCRIPTORS - \*INSTRUCTIONAL

MATERIALS; TEACHING GUIDES;  
TRANSPARENCIES; SLIDES; \*HEALTH  
OCCUPATIONS EDUCATION; \*SECONDARY  
EDUCATION; \*CURRICULUM GUIDES;  
\*AUDIOVISUAL INSTRUCTION;  
BEHAVIORAL OBJECTIVES; PRETESTS;  
POST TESTING; \*EXPERIMENTAL  
CURRICULUM  
IDENTIFIERS - TEXAS

ABSTRACT - THIS STUDY SOUGHT TO  
FILL A NEED FOR VALIDATED  
INSTRUCTIONAL MATERIALS IN  
SECONDARY VOCATIONAL HEALTH  
OCCUPATIONS EDUCATION. AN  
EXPERIMENTAL INSTRUCTIONAL MODULE  
WAS DEVELOPED BASED ON BEHAVIORAL  
OBJECTIVES IDENTIFIED BY TEACHER  
COORDINATORS IN TEXAS HEALTH  
OCCUPATIONS COOPERATIVE TRAINING  
(HCOCT) PROGRAMS, AND PILOT TESTED  
WITH STUDENTS IN THESE PROGRAMS.  
APPENDED TO THE 85 PAGE REPORT ARE  
A DESCRIPTION OF THE EXPERIMENTAL  
MODULE AND THE THREE PRODUCTS  
DEVELOPED: TEACHER IMPLEMENTATION  
PLAN, STUDENT RECORD BOOK, AND  
ASSESSMENT INSTRUMENTS. DESIGNED  
FOR USE BY A GROUP OF STUDENTS WITH  
THE INSTRUCTOR ACTING AS A  
FACILITATOR AND RESOURCE PERSON,  
THE MODULE IS DIVIDED INTO EIGHT  
UNITS. TOPICS INCLUDE HEALTH CARE  
FACILITIES, A HISTORY OF HEALTH  
CARE, AGENCY ORGANIZATION, HEALTH  
CARE PERSONNEL, AND MAJOR HEALTH  
PROBLEMS. FOR SEVEN OF THE UNITS,  
THE TEACHER IMPLEMENTATION PLAN  
INCLUDES TRANSPARENCY MASTERS AND A  
SCRIPT FOR A SLIDE-TAPE  
PRESENTATION. THE STUDENT RECORD  
BOOK INCLUDES INFORMATION SHEETS,  
VOCABULARY LIST, AND STUDY  
QUESTIONS FOR EACH UNIT. PRETESTS  
AND POSTTESTS FOR EACH UNIT, ALONG  
WITH A SCORING KEY, COMPRISE THE  
ASSESSMENT INSTRUMENTS. THE  
DOCUMENT INCLUDES PROJECT FORMS AND  
A BIBLIOGRAPHY. (AUTHOR/RG)

VT 103 389

A REVIEW OF VOCATIONAL RESEARCH AND  
EXEMPLARY PROJECTS. FINAL REPORT.

OREGON STATE UNIV., CORVALLIS.  
VOCATIONAL-TECHNICAL EDUCATION  
UNIT.

OREGON STATE DEPT. OF EDUCATION, 108

SALEM. CAREER AND VOCATIONAL  
EDUCATION SECTION.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 30JUN76 45P.; RELATED  
DOCUMENTS VT 103 247 AND VT 103 248  
IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*RESEARCH PROJECTS;  
\*DEMONSTRATION PROJECTS;  
INFORMATION DISSEMINATION; DATA  
COLLECTION; \*PROGRAM EVALUATION;  
\*CAREER EDUCATION; EDUCATIONAL  
RESEARCH; ELEMENTARY SECONDARY  
EDUCATION; POST SECONDARY EDUCATION  
IDENTIFIERS - \*OREGON

ABSTRACT - THE PROJECT REVIEWED AND  
ASSESSED THE 72 VOCATIONAL RESEARCH  
AND EXEMPLARY PROJECTS CONDUCTED IN  
OREGON DURING FISCAL YEARS 1970-75  
IN ORDER TO DISSEMINATE INFORMATION  
ABOUT SUCCESSFUL PROJECTS.  
EVALUATIVE CRITERIA,  
INSTRUMENTATION, AND PROCEDURES  
WERE DEVELOPED BY THE PROJECT STAFF  
AND REVIEWED BY EXTERNAL  
EVALUATORS. THESE WERE THEN TESTED  
AND REVISED. THE TWO PRODUCTS  
RESULTING FROM PROJECT ACTIVITY  
ARE: (1) A HANDBOOK OF INFORMATION  
ON TRANSPORTABLE VOCATIONAL  
PRODUCTS THAT RESULTED FROM  
SELECTED RESEARCH AND EXEMPLARY  
PROJECTS, AND (2) A TECHNICAL  
REPORT OF AN EVALUATION OF THESE  
SELECTED PROJECTS AND THEIR  
PRODUCTS AND PROCESSES. MAJOR  
ACCOMPLISHMENTS ARE SUMMARIZED FOR  
EACH OF FOUR REVIEW PERIODS DURING  
THE YEAR'S DURATION OF THE PROJECT.  
FINDINGS OF THE STUDY ARE PRESENTED  
IN 13 TABLES ACCORDING TO SUCH  
VARIABLES AS CAREER DEVELOPMENT  
LEVEL, FISCAL CHARACTERISTICS,  
CONTRACTING AGENCIES, AND  
INSTRUCTIONAL LEVEL. CONCLUSIONS  
AND RECOMMENDATIONS FOR FUTURE  
VOCATIONAL RESEARCH AND EXEMPLARY  
PROJECTS ARE INCLUDED IN THE  
REPORT. (AUTHOR/RG)

VT 103 390

EVALUATION OF VOCATIONAL TECHNICAL  
EDUCATION. PHASE I: A REVIEW OF THE  
LITERATURE.



NEW EDUCATIONAL DIRECTIONS, INC.,  
CRAWFORDSVILLE, IND.  
INDIANA STATE BOARD OF VOCATIONAL  
TECHNICAL EDUCATION, INDIANAPOLIS.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - JUL75 48P.; RELATED  
DOCUMENT VT 103 391 IN THIS ISSUE.  
PAGE 24 WAS NOT REPRODUCIBLE AS IT  
APPEARED IN THE ORIGINAL DOCUMENT  
AND WAS RETYPED AT THE CENTER FOR  
VOCATIONAL EDUCATION.

DESCRIPTORS - \*LITERATURE REVIEWS;  
\*EVALUATION METHODS; \*VOCATIONAL  
EDUCATION; \*NATIONAL SURVEYS

ABSTRACT - PHASE I OF THE PROJECT  
CONSISTED OF A SURVEY OF THE STATES  
TO DETERMINE THE TYPE OF MODEL USED  
IN THE STATES' EVALUATION OF  
VOCATIONAL-TECHNICAL EDUCATION. IN  
ADDITION, A SEARCH WAS MADE OF RIE  
AND CIE TO DETERMINE THE MOST  
RECENT EVALUATION RESEARCH STUDIES  
CONDUCTED IN EACH STATE. THROUGH  
RESPONSES TO INQUIRIES AND THE  
LITERATURE SEARCH, THE TYPE OF  
EVALUATION AND RESEARCH STUDIES  
CONDUCTED IN EACH STATE WAS  
DETERMINED. THE VARIOUS METHODS OF  
EVALUATION USED WERE GROUPED INTO  
THE EIGHT CATEGORIES OF SELF-STUDY,  
VISITING TEAM, FOLLOWUP, EMPLOYER-  
BASED, COST-BENEFIT, BEHAVIORAL  
OBJECTIVE, NONBEHAVIORAL OBJECTIVE,  
AND JOB PLACEMENT RELATEDNESS.  
RESULTS ARE PRESENTED AS  
DISCUSSIONS IN WHICH THE LITERATURE  
ON EACH OF THE EIGHT IDENTIFIED  
EVALUATION METHODS IS SUMMARIZED. A  
DISCUSSION OF PROCESS VERSUS  
PRODUCT EVALUATION IS ALSO  
INCLUDED. TABLES INDICATE THE TYPE  
OF EVALUATION USED AS REPORTED BY  
THE STATES AND ALSO THE NUMBER OF  
REPORTED RESEARCH STUDIES CONDUCTED  
IN OR FOR THE STATES ACCORDING TO  
TYPE OF EVALUATION METHOD.  
APPENDIXES CONTAIN PROJECT  
CORRESPONDENCE AND A 19-PAGE  
BIBLIOGRAPHY. (NJ)

VT 103 391  
EVALUATION OF VOCATIONAL TECHNICAL  
EDUCATION. PHASE II: A SKELETAL  
MODEL WITH SUGGESTED RESEARCH AND

## DEVELOPMENT ACTIVITIES.

NEW EDUCATIONAL DIRECTIONS, INC.,  
CRAWFORDSVILLE, IND.  
INDIANA STATE BOARD OF VOCATIONAL  
TECHNICAL EDUCATION, INDIANAPOLIS.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - MAY76 18P.; RELATED  
DOCUMENT VT 103 390 IN THIS ISSUE.

DESCRIPTORS - \*MODELS; \*EVALUATION  
METHODS; \*VOCATIONAL EDUCATION;  
SECONDARY EDUCATION; POSTSECONDARY  
EDUCATION; ADULT EDUCATION

ABSTRACT - PHASE II OF THIS PROJECT  
IN EVALUATION OF VOCATIONAL-  
TECHNICAL EDUCATION PRESENTS A  
SKELETAL MODEL FOR EVALUATING  
VOCATIONAL EDUCATION PROGRAMS WHICH  
CAN BE APPLIED TO SECONDARY,  
POSTSECONDARY, AND ADULT EDUCATION  
PROGRAMS. THE MODEL ADDRESSES 13  
MAIN COMPONENTS OF THE VOCATIONAL  
EDUCATION SYSTEM: DESCRIPTIVE  
INFORMATION, DEMONSTRATION OF NEED,  
STUDENT RECRUITMENT AND SELECTION,  
CURRICULUM, GUIDANCE AND PLACEMENT,  
FACILITIES, COMMUNITY INVOLVEMENT,  
YOUTH ORGANIZATIONS, COOPERATIVE  
PROGRAMS, PROGRAM'S EFFECT ON  
STUDENTS, HOLDING POWER AND  
POPULARITY, SATISFACTION OF VARIOUS  
AUDIENCES WITH PROGRAM, AND PROGRAM  
STAFFING AND ADMINISTRATION. EACH  
COMPONENT CONSISTS OF A GENERAL  
RATIONALE FOR EVALUATING THAT  
ASPECT OF THE VOCATIONAL PROGRAM,  
SPECIFIC QUESTIONS OR  
SUBCOMPONENTS, AND GENERAL  
APPROACHES REQUIRED TO INVESTIGATE  
THOSE QUESTIONS. IN ADDITION,  
RECOMMENDATIONS FOR RESEARCH AND  
DEVELOPMENT RELATING TO EACH  
COMPONENT ARE PROVIDED. (NJ)

VT 103 392  
FIRE EDUCATION AND TRAINING - FEAT.  
FINAL REPORT.

SMITH (A.K.) AREA CAREER CENTER,  
MICHIGAN CITY, IND.  
OFFICE OF EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - 15JUN76 21P.

DESCRIPTORS - \*FIRE SCIENCE  
EDUCATION; EDUCATIONAL PROGRAMS;  
\*AUDIOVISUAL INSTRUCTION; \*FIRE  
FIGHTERS; \*VOLUNTEER TRAINING;  
TRANSPARENCIES; PROGRAM  
DESCRIPTIONS; POST SECONDARY  
EDUCATION; RESOURCE GUIDES;  
\*TEACHING GUIDES; \*ADULT VOCATIONAL  
EDUCATION  
IDENTIFIERS - LAPORTE COUNTY;  
INDIANA

ABSTRACT - A LIBRARY OF AUDIOVISUAL  
INSTRUCTIONAL MATERIALS AND AN  
AUDIOVISUAL INSTRUCTION CURRICULUM  
GUIDE WERE DEVELOPED FOR THE  
PURPOSE OF TRAINING MEMBERS OF  
VOLUNTEER FIRE DEPARTMENTS IN  
LAPORTE COUNTY, INDIANA. THE REPORT  
BRIEFLY SUMMARIZES THE PROJECT AND  
INCLUDES A GUIDE DESCRIBING THE  
AUDIOVISUAL CURRICULUM. THE GUIDE  
CONTAINS BRIEF DESCRIPTIONS OF EACH  
UNIT WHICH CONSISTS OF A SERIES OF  
TRANSPARENCIES AND ACCOMPANYING  
INSTRUCTOR GUIDES. ILLUSTRATIONS OF  
ONE SAMPLE TRANSPARENCY FROM EACH  
UNIT APPEAR. THE UNITS ARE  
ENTITLED: FORCIBLE ENTRY, HOSE  
LAYOUT PRACTICES, ELECTRICAL  
HAZARDS AND FIRES, TRANSPORTATION  
FIRES, COMPANY OFFICER LEADERSHIP,  
OVERHAULING OPERATIONS, VENTILATION  
PRACTICES, FIRE STREAM PRACTICES,  
AND FIREGROUND SEARCH AND RESCUE.  
(NJ)

VT 103 393

DITTMAN, JENNETTE K.  
SEX-ROLE PERCEPTIONS OF NORTH  
DAKOTA VOCATIONAL EDUCATORS. FINAL  
REPORT. RESEARCH SERIES NO. 38.

NORTH DAKOTA STATE UNIV., FARGO.  
DEPT. OF HOME ECONOMICS EDUCATION.  
NORTH DAKOTA STATE BOARD FOR  
VOCATIONAL EDUCATION, BISMARCK.  
RESEARCH COORDINATING UNIT.; OFFICE  
OF EDUCATION (DHEW), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
NORTH DAKOTA RESEARCH COORDINATING  
UNIT, STATE BOARD FOR VOCATIONAL  
EDUCATION, STATE OFFICE BUILDING,  
900 EAST BOULEVARD, BISMARCK, NORTH  
DAKOTA 58501.

PUB DATE - JUN76 53P.

DESCRIPTORS - \*SEX STEREOTYPES;  
\*SEX ROLE; \*VOCATIONAL EDUCATION;  
\*SURVEYS; SEX DIFFERENCES; TEACHER  
ATTITUDES; ADMINISTRATOR ATTITUDES;  
COUNSELOR ATTITUDES

ABSTRACT - THIS STUDY TO ASSESS THE  
SEX ROLE PERCEPTIONS OF VOCATIONAL  
EDUCATORS WAS PLANNED AS A MEANS OF  
ADDRESSING THE ISSUES OF SEXISM AND  
SEX ROLE STEREOTYPING IN VOCATIONAL  
EDUCATION IN NORTH DAKOTA. THE  
STRATIFIED RANDOM SAMPLE CONSISTED  
OF 396 VOCATIONAL TEACHERS,  
ADMINISTRATORS, AND COUNSELORS. THE  
BEM SEX-ROLE INVENTORY WAS USED TO  
ASSESS THE SUBJECTS' SEX ROLE  
PERCEPTIONS. THE TESTING OF THE  
HYPOTHESES RESULTED IN THE  
FOLLOWING CONCLUSIONS: (1)  
VOCATIONAL EDUCATORS WERE HIGHLY  
CONSISTENT IN THEIR SEX ROLE  
PERCEPTIONS; SUBJECTS IN ALL  
SUBSAMPLES PERCEIVED MALES AS  
MASCULINE-TYPED AND FEMALES AS  
FEMININE-TYPED, SUGGESTING  
PREDOMINANTLY STEREOTYPED VIEWS;  
(2) FEMALE SUBJECTS VIEWED  
THEMSELVES AS BEING SIGNIFICANTLY  
LESS SEX-TYPED THAN DID MALE  
SUBJECTS; (3) BOTH MALE AND FEMALE  
SUBJECTS DESCRIBED MALES AND  
FEMALES AS MORE SIGNIFICANTLY SEX-  
TYPED THAN THEY PERCEIVED  
THEMSELVES TO BE; (4) ANDROGYNOUS  
SUBJECTS PERCEIVED A SIGNIFICANTLY  
SMALLER DIFFERENCE BETWEEN MALES  
AND FEMALES THAN DID MORE SEX-TYPED  
SUBJECTS; AND (5) THERE APPEARS TO  
BE A TEMPERING OF THE EXAGGERATIONS  
OF MASCULINITY AND FEMININITY BY  
ANDROGYNOUS INDIVIDUALS. IN  
ADDITION TO A DESCRIPTION OF THE  
PROCEDURES AND PRESENTATION OF THE  
RESULTS, THE REPORT PRESENTS A  
REVIEW OF THE LITERATURE AND A  
BIBLIOGRAPHY. THE BEM SEX-ROLE  
INVENTORY IS APPENDED. (AUTHOR/NJ)

VT 103 394

FRICHEL, JOSEPH F.  
STUDENT JOB PLACEMENT SERVICE.  
FINAL REPORT.

RICHMOND PUBLIC SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),

WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - JUN76 44P.; RELATED DOCUMENT VT 103 395 IN THIS ISSUE. PAGE 1 WAS RETYPED AT THE CENTER FOR VOCATIONAL EDUCATION. PAGE 43 WAS NOT REPRODUCIBLE AND WAS REMOVED. IT IS NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*PILOT PROJECTS; \*SECONDARY EDUCATION; \*JOB PLACEMENT; \*FEASIBILITY STUDIES; \*STUDENT EMPLOYMENT; PROGRAM DESCRIPTIONS; \*SCHOOL COMMUNITY COOPERATION

ABSTRACT - THE THREE-YEAR PILOT PROJECT WAS DESIGNED TO DEMONSTRATE THE FEASIBILITY OF SCHOOLS ASSUMING RESPONSIBILITY FOR THE JOB PLACEMENT OF STUDENTS AT EVERY EXIT LEVEL, AND TO ESTABLISH A SYSTEMATIC, EFFECTIVE JOB PLACEMENT CAPABILITY TO SERVE ALL SECONDARY STUDENTS. THE PROJECT WAS OPERATIONAL AT A HIGH SCHOOL SERVING 1,303 STUDENTS OF WHICH THE RACIAL BALANCE IS 75 PERCENT BLACK AND 25 PERCENT WHITE. THROUGH THE COOPERATION OF THE BUSINESS COMMUNITY, THE JOB PLACEMENT SERVICE ACTED AS AN EMPLOYMENT AGENCY AND ALSO PROVIDED STUDENTS THE OPPORTUNITY TO PREPARE THEMSELVES FOR THE WORLD OF WORK THROUGH PROGRAMS FOCUSED ON EMPLOYER EXPECTATIONS. OF THE 884 GRADUATES USING THE SERVICE DURING THE THREE-YEAR PERIOD, 613 REQUESTED JOB ASSISTANCE. OF THESE, 109 FULL-TIME AND 208 PART-TIME PLACEMENTS WERE FOUND. OVER 900 OTHER STUDENTS REQUESTED ASSISTANCE IN PART-TIME AND SUMMER PLACEMENTS. STUDENTS MOST DIFFICULT TO PLACE WERE SCHOOL DROPOUTS WITH BEHAVIOR PROBLEMS. THE COOPERATION FROM BUSINESS LEADERS, COUNSELORS, TEACHERS, ADMINISTRATORS, AND COMMUNITY RESOURCE PEOPLE CONTRIBUTED TO THE SUCCESS OF THE PROJECT. RECOMMENDATIONS ARE OFFERED FOR THE ESTABLISHMENT OF SIMILAR SERVICES. PROJECT FORMS ARE APPENDED. (AUTHOR/RG)

VT 103 395

JASKOWIAK, PHILIP A.  
STUDENT JOB PLACEMENT. FINAL REPORT.

NORFOLK PUBLIC SCHOOLS, VA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2. PUB DATE - JUN76 49P.; RELATED DOCUMENT VT 103 394 IN THIS ISSUE.

DESCRIPTORS - \*JOB PLACEMENT; \*PROGRAM DESCRIPTIONS; PROGRAM EVALUATION; \*DEMONSTRATION PROGRAMS; SECONDARY SCHOOL STUDENTS

ABSTRACT - DESCRIBED IN THIS REPORT IS A JOB PLACEMENT EXEMPLARY PROJECT CONDUCTED AT MAURY HIGH SCHOOL IN NORFOLK, VIRGINIA FROM AUGUST 1973 TO JUNE 1976. GOALS OF THE PROJECT WERE TO PROVIDE PLACEMENT SERVICES TO ALL STUDENTS SEEKING PART-TIME, TEMPORARY, OR FULL-TIME EMPLOYMENT. PROCEDURES INCLUDED ORGANIZATION OF THE ADMINISTRATIVE JOB PLACEMENT OFFICE AND DEVELOPMENT OF PROCEDURES, METHODS, AND SYSTEMS FOR PUBLICIZING THE PROGRAM, REGISTERING STUDENTS, AND CONTACTING EMPLOYERS. DEVELOPED PROCEDURES AND SYSTEMS ARE DESCRIBED IN THE REPORT ALONG WITH RESULTS GIVEN AS NUMBER OF STUDENTS PLACED IN PART-TIME AND FULL-TIME JOBS, REGISTERED, OR SENT ON INTERVIEWS; NUMBER OF DROPOUTS PLACED, AND NUMBER OF WORK PERMITS ISSUED. A SUMMARY OF A SELF-EVALUATION OF MAJOR OBJECTIVES AND GOALS APPEARS ACCORDING TO THE FOLLOWING CATEGORIES: ASSESS STUDENT NEEDS AND WANTS; IDENTIFY EMPLOYMENT OPPORTUNITIES; PLACE STUDENTS IN PART-TIME JOBS; PLACE GRADUATES IN JOBS; PLACE DROPOUTS; COORDINATE PRE-PLACEMENT TRAINING; AND PUBLIC RELATIONS. ENCLOSURES INCLUDE PROJECT-DEVELOPED FORMS AND MATERIALS. (NJ)

VT 103 396

SCHULTZ, RICHARD  
CAREER NEEDS ASSESSMENT FOR MERGED AREA IX.



EASTERN IOWA COMMUNITY COLL.  
DISTRICT, DAVENPORT.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.  
PUB DATE - AUG75 148P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*NEEDS ASSESSMENT; SCHOOL SURVEYS;  
COMMUNITY SURVEYS; \*EDUCATIONAL  
NEEDS; SCHOOL DISTRICTS; TABLES  
(DATA); QUESTIONNAIRES; FACILITY  
INVENTORY; \*EDUCATIONAL RESOURCES

ABSTRACT - THIS STUDY SOUGHT TO  
DETERMINE STUDENT CAREER EDUCATION  
NEEDS IN IOWA MERGED AREA IX AND TO  
IDENTIFY EXISTING RESOURCES FOR  
RECOMMENDING ALTERNATE METHODS OF  
CREATING AND FINANCING A  
COORDINATED CAREER EDUCATION  
PROGRAM. DATA WERE COLLECTED FROM  
THE SCHOOL DISTRICTS BY  
VISITATIONS, CAREER CLUSTER  
CHECKLISTS, MAILED INTERVIEW FORMS,  
AND INTERVIEWS WITH EDUCATIONAL  
PERSONNEL AND STUDENTS. OTHER  
SOURCES OF INFORMATION WERE SOCIAL  
SERVICES AGENCIES, BUSINESS,  
INDUSTRY, LABOR, POSTSECONDARY  
INSTITUTIONS, AND MANPOWER  
PROJECTIONS. BRIEF INDIVIDUAL  
DISTRICT PROFILES BASED ON THE  
COLLECTED DATA APPEAR IN THE  
REPORT. DATA COMPILED FROM EACH  
DISTRICT ARE REPORTED IN THE  
FOLLOWING FOUR CATEGORIES: (1)  
CAREER EDUCATION ATTITUDE SURVEY--  
TEACHERS, NON-TEACHERS, STUDENTS,  
AND CITIZENS; (2) SURVEY OF HELPING  
RELATIONSHIPS; (3) INTERVIEW  
FORMAT; AND (4) CAREER CLUSTER  
CHECKLIST. THE DATA ARE PRESENTED  
ON THE BASIS OF FOUR PROPOSED  
CAREER CENTERS. APPENDIXES CONTAIN  
MERGED AREA IX'S CAREER EDUCATION  
DEFINITIONS; MODEL FOR CAREER  
DEVELOPMENT; POPULATION TRENDS;  
ENROLLMENT PROJECTIONS; SCHOOL  
DISTRICT DATA FORMS; SOCIAL SERVICE  
AGENCIES DATA; BUSINESS, INDUSTRY,  
AND LABOR DATA; AND COMMITTEE  
MEMBERSHIP LISTS. (NJ)

VT 103 397

BUCHANAN, E.T.; SUNNUCKS, GEORGE M.  
POSTSECONDARY CO-OPERATIVE  
EDUCATION PROGRAMS AND MINORITY

STUDENT PARTICIPATION: ENROLLMENT  
PATTERNS FOR WOMEN, VETERAN,  
MINORITY, AND HANDICAPPED STUDENTS;  
SELECTED PROGRAM CHARACTERISTICS;  
AND EXEMPLARY PROGRAMS SERVING  
POPULATIONS WITH SPECIAL NEEDS.  
FINAL REPORT.

TIDEWATER COMMUNITY COLL., VIRGINIA  
BEACH, VA.

U.S. OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 2.

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THE PAGINATION.

DESCRIPTORS - \*POST SECONDARY  
EDUCATION; \*COOPERATIVE PROGRAMS;  
\*MINORITY GROUPS; \*SCHOOL SURVEYS;  
TABLES (DATA); \*STUDENT ENROLLMENT;  
HANDICAPPED STUDENTS; FEMALES;  
NEGROES; VETERANS; ENROLLMENT  
TRENDS

ABSTRACT - THIS RESEARCH STUDY WAS  
CONDUCTED TO: (1) MEASURE THE  
PARTICIPATION OF WOMEN, VETERANS,  
MINORITY, AND HANDICAPPED STUDENTS  
IN POSTSECONDARY COOPERATIVE  
EDUCATION PROGRAMS; (2) PROVIDE A  
DESCRIPTIVE AND COMPARATIVE  
ANALYSIS OF SELECTED POLICIES AND  
PRACTICES OF THESE PROGRAMS; AND  
(3) FOCUS ON SELECTED COOPERATIVE  
EDUCATION AND OTHER SPECIAL  
PROGRAMS WHICH ARE UNIQUELY  
RESPONSIVE AND HAVE ATTRACTED THESE  
GROUPS. DETAILED QUESTIONNAIRES  
WERE SENT TO 600 COLLEGES AND  
UNIVERSITIES IDENTIFIED AS HAVING  
COOPERATIVE OR EXPERIMENTAL  
LEARNING PROGRAMS. QUALITATIVE  
MATERIALS, SUCH AS PROGRAM PROFILES  
AND RECOMMENDATIONS FROM  
PRACTITIONERS, WERE OBTAINED  
THROUGH VISITATIONS,  
CORRESPONDENCE, AND TELEPHONE  
CONTACT. QUANTITATIVE RESULTS OF  
THE SURVEY ARE PRESENTED IN  
NARRATIVE AND TABULAR FORM. IN  
ADDITION, 30 SELECTED PROGRAMS ARE  
BRIEFLY DESCRIBED. THREE FINDINGS  
OF THE RESEARCH ARE: (1)

COOPERATIVE EDUCATION PROGRAMS ARE EXPERIENCING AN INCREASE IN MINORITY AND WOMEN STUDENT PARTICIPATION; (2) THERE IS STRONG EVIDENCE THAT INCREASING NUMBERS OF BLACKS, WOMEN, AND OTHER MINORITY STUDENTS ARE ENTERING NONTRADITIONAL CURRICULA SUCH AS ENGINEERING AND OTHER TECHNICAL FIELDS; (3) OF THE TOTAL 34,385 ENROLLMENT REPORTED BY 150 COOPERATIVE EDUCATION PROGRAMS, 26 PERCENT WERE WOMEN, 0.8 PERCENT WERE HANDICAPPED, 13 PERCENT WERE VETERANS, AND 15 PERCENT WERE MALES OF MINORITY STATUS. THE QUESTIONNAIRE IS APPENDED. (AUTHOR/RG)

VT 103 398

BILINGUAL BICULTURAL DELIVERY OF HUMAN SERVICES TO ELDERLY FRANCO-AMERICANS THROUGH VOCATIONAL EDUCATION. FINAL REPORT.

MAINE UNIV., BANGOR.; MAINE UNIV., PRESQUE ISLE.; MAINE UNIV., PORTLAND-GORHAM.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C. DIV. OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.

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DESCRIPTORS - \*BILINGUAL EDUCATION;  
\*OLDER ADULTS; VOCATIONAL EDUCATION; HUMAN SERVICES;  
\*PARAPROFESSIONAL PERSONNEL; ADULT EDUCATION PROGRAMS; INTERCOLLEGIATE PROGRAMS; \*PROGRAM EVALUATION;  
\*GERONTOLOGY  
IDENTIFIERS - \*FRANCO AMERICANS

ABSTRACT - THIS PROJECT WAS AN ATTEMPT TO PROVIDE BILINGUAL VOCATIONAL EDUCATION TO ELDERLY FRANCO-AMERICANS ON A COOPERATIVE BASIS AMONG THREE MAINE UNIVERSITIES. SEVENTY-SEVEN ADULT

UNEMPLOYED OR UNDEREMPLOYED FRANCO-AMERICANS PARTICIPATED IN A HUMAN SERVICES WORKER TRAINING PROGRAM BASED ON THE BANGOR-BASED CERTIFICATE LEVEL CURRICULUM IN GERONTOLOGY. PART I OF THE REPORT IS A COMPILATION OF PROGRAMMATIC AND ADMINISTRATIVE INFORMATION CONCERNING RECRUITMENT, CURRICULUM, SUPPORT SERVICES, OBJECTIVES, AND ADMINISTRATION. PART II IS AN INDEPENDENT EVALUATION OF THE PROJECT WHICH CONSISTED OF ONSITE VISITS AND SURVEYS OF FACULTY, STAFF, STUDENTS, AND PRACTICUM SUPERVISORS. DATA FROM ONSITE VISITS ARE SUMMARIZED AND PRESENTED ACCORDING TO THE ROLE OF BILINGUALISM, EFFECTS OF BICULTURAL EMPHASIS, ADEQUACY OF HUMAN SERVICES TRAINING, PRACTICUM PLACEMENTS, STUDENTS, FACULTY, STAFF, CONSORTIUM APPROACH, AND THE ONE-YEAR CERTIFICATE. THE SURVEYS INCLUDED QUESTIONS ON MOST OF THE SAME TOPICS ADDRESSED BY THE ONSITE VISIT EVALUATION. SURVEY RESPONSES, RECEIVED FROM APPROXIMATELY ONE-HALF OF EACH GROUP, INDICATED HIGH LEVELS OF SATISFACTION AMONG ALL GROUPS. SAMPLE INSTRUMENTS ARE INCLUDED. (NJ)

VT 103 399

BAUCH, KLAUS DIETER; BOONE, JAMES L.

THE IMPACT OF NUMERICAL CONTROL TECHNOLOGY AND COMPUTER AIDED MANUFACTURING ON CURRICULUM DEVELOPMENT IN INDUSTRIAL EDUCATION AND TECHNOLOGY. FINAL REPORT.

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF INDUSTRIAL EDUCATION.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DEPT. OF OCCUPATIONAL EDUCATION AND TECHNOLOGY.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
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PUB DATE - AUG76 287P.; APPENDED MATERIALS MAY NOT REPRODUCE WELL. BEST COPY AVAILABLE.

DESCRIPTORS - \*NATIONAL SURVEYS;  
SCHOOL SURVEYS; \*CURRICULUM

DEVELOPMENT; \*INDUSTRIAL EDUCATION;  
 \*ENGINEERING TECHNOLOGY;  
 MANUFACTURING INDUSTRY; \*NUMERICAL  
 CONTROL; POST SECONDARY EDUCATION;  
 STATISTICAL ANALYSIS; \*PROGRAMING

ABSTRACT - THE STUDY WAS DESIGNED TO INVESTIGATE THE EFFECTS OF NUMERICAL CONTROL TECHNOLOGY AND COMPUTER-AIDED MANUFACTURING (NC/CAM) IN AMERICAN INDUSTRY ON INDUSTRIAL EDUCATION AND ENGINEERING TECHNOLOGY EDUCATION. THE SPECIFIC PURPOSE WAS TO IDENTIFY A DATA BASE AND RATIONALE FOR CURRICULUM DEVELOPMENT IN NC/CAM THROUGH A COMPARISON OF VIEWS BY INDUSTRIAL NC USERS AND EDUCATORS REGARDING APPROPRIATE INSTRUCTIONAL CONTENT FOR EDUCATIONAL PROGRAMS IN THIS TECHNOLOGY. A NATIONAL SURVEY WAS CONDUCTED FOLLOWING VALIDATION AND PILOT TESTING OF THE QUESTIONNAIRES. OVER 400 INDUSTRIES AND APPROXIMATELY 100 EDUCATIONAL INSTITUTIONS COMPLETED THE TWO-PART QUESTIONNAIRE, AND THE DATA OBTAINED WAS ANALYZED THROUGH VARIOUS COMPUTERIZED STATISTICAL PROGRAMS. BASED UPON SURVEY FINDINGS, RECOMMENDATIONS ARE OFFERED FOR CURRICULUM DEVELOPMENT TO MEET INDUSTRY NEEDS. FIVE MAJOR AREAS OF NC/CAM ARE SUGGESTED IN THREE LEVELS FROM INTRODUCTORY, INTERMEDIATE, TO ADVANCED PROGRAMS WITH THE SPECIFIC NUMBER OF COURSES REQUIRED TO BE DETERMINED BY THE PARTICULAR INSTITUTION. THESE AREAS ARE: BASIC AND GENERAL N/C CONCEPTS, MANUAL PROGRAMMING FOR N/C, COMPUTER-ASSISTED PROGRAMMING FOR N/C, MANAGEMENT AND ECONOMIC ASPECTS OF N/C, AND ADVANCED TECHNOLOGIES. APPENDIXES TO THE REPORT INCLUDE CORRESPONDENCE, THE SURVEY INSTRUMENTS, AND TABLES ANALYZING THE DATA OBTAINED. (AUTHOR/RG)

VT 103 400

WIRCENSKI, J.L.

THE DEVELOPMENT AND FIELD TEST OF AN OBJECTIVE CAREER COUNSELING INSTRUMENT. FINAL REPORT.

PURDUE UNIV., LAFAYETTE. DEPT. OF

INDUSTRIAL EDUCATION.  
 INDIANA STATE BOARD OF VOCATIONAL AND TECHNICAL EDUCATION,  
 INDIANAPOLIS.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
 MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 2.  
 PUB DATE - JUN76 63P.; RELATED DOCUMENT VT 103 235 IN THIS ISSUE.; PORTIONS OF THIS DOCUMENT MAY NOT REPRODUCE WELL; BEST COPY AVAILABLE.

DESCRIPTORS - \*GUIDANCE COUNSELING;  
 \*EVALUATION METHODS; \*STUDENT EVALUATION; SECONDARY EDUCATION; CORRELATION; \*EDUCATIONAL DIAGNOSIS; IDENTIFICATION;  
 \*VOCATIONAL EDUCATION

ABSTRACT - IN AN EFFORT TO DEVELOP STRONGER GUIDANCE AND COUNSELING PROGRAMS FOR VOCATIONAL EDUCATION, CAREER COUNSELING INSTRUMENTS WERE DESIGNED TO OBJECTIVELY RECORD AND RELATE ALL VARIABLES WHICH GUIDANCE PERSONNEL AND VOCATIONAL TEACHERS NORMALLY EVALUATE AS THEY INTERVIEW AND COUNSEL STUDENTS. THE INSTRUMENTS WERE THEN FIELD TESTED AT FOUR GEOGRAPHIC SITES IN VOCATIONAL SERVICE AREAS WHICH HAVE TRADITIONALLY BEEN IN HIGH DEMAND. RESULTS OF THE FIELD TEST ARE REPORTED IN FOUR SEGMENTS: (1) CORRELATIONS BETWEEN THE INSTRUMENT'S PREDICTION AND INSTRUCTOR'S PREDICTION OF STUDENT JOB PLACEMENT, (2) CORRELATIONS BETWEEN THE INSTRUMENT'S PREDICTION AND GUIDANCE COUNSELORS' PREDICTION OF STUDENT JOB PLACEMENT, (3) CORRELATION BETWEEN TWO SIMILAR CAREER COUNSELING INSTRUMENTS AND THE INSTRUCTOR'S PREDICTION, AND (4) RESULTS OF FIELD TESTING THE COUNSELOR HANDBOOK. BASED ON THE CORRELATION SCORES, IT WAS CONCLUDED THAT THE INSTRUMENTS ARE EXCELLENT PREDICTORS OF STUDENT JOB PLACEMENT. GUIDANCE COUNSELORS ALSO APPEARED TO HAVE VERY LITTLE DIFFICULTY IN USING THE HANDBOOK TO DEVELOP INSTRUMENTS. A BIBLIOGRAPHY, CORRESPONDENCE, THE 15 REVISED CAREER COUNSELING INSTRUMENTS DEVELOPED, AND SAMPLE FORMS ARE INCLUDED IN THE DOCUMENT.



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VTP 2643

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VTP 2644



VTP 2554

Title: A Model to Develop a School-Community Based Adult Education Program.Principal Investigator: Larry RobertsonRecipient Institution: Cabot Public Schools, 504 East Locust, Cabot, Arkansas 72023Start - End Dates: August 1, 1976 to June 30, 1978Annual Funding: \$9,820.00Supporting Agency: Arkansas State Department of Education, Division of Vocational, Technical, and Adult Education, Arch Ford Education Building, Little Rock, Arkansas 72201Contract and/or Control No.: No data

Summary of Project: The overall purpose of this project is to develop a model adult education program that is an integral part of the public school system and leads to training or upgrading of vocational skills. A model plan for adult education programs in vocational areas will be developed that can be adopted for use in rural school districts. A school-community activity calendar to coordinate adult class schedules with community affairs will be developed. A community needs survey will be conducted in order to provide educational experiences to meet community needs. It is also proposed to establish an advisory council representing a cross-section of the community. The adult education program will be evaluated by the use of instructor rating forms. An additional objective is to improve the school-community relationship through expanded use of the facilities, news-media, and parent-teacher contact.

VTP 2555

Title: Utilizing Professional Counseling Services to Reduce the Drop-out Rate in Postsecondary Vocational-Technical Education.Principal Investigator: Burl W. LeiblongRecipient Institution: Crowley's Ridge Vocational Technical School, P. O. Box 925, Interstate 40 at Newcastle Road, Forrest City, Arkansas 72335Start - End Dates: August 1, 1976 to July 31, 1978Annual Funding: \$16,900.00Supporting Agency: Arkansas State Department of Education, Division of Vocational, Technical, and Adult Education, Arch Ford Education Building, Little Rock Arkansas 72201Contract and/or Control No.: No data

Summary of Project: Crowley's Ridge Vocational-Technical School proposes to provide professional counseling service for its students and for two other schools in order to reduce the dropout rate, improve staff competency in student problem identification, and develop pre-enrollment evaluation procedures. Professional counseling services will be available to all students on a weekly basis. Staff development activities will focus on improving competence in student problem identification and in counseling techniques. Efforts will be made to identify student reasons for exiting prior to program completion. Testing packages for assessing student needs will be developed that will include an interview module, the General Aptitude Test Battery, and

items assessing personality, aptitude, and interests. A series of workshops will introduce area vocational school personnel to the finalized materials concerning common and unique problems identified, the pre-enrollment assessment package, the test package, and procedures for implementation.

VTP 2556

Title: Continuation of Vocational-Technical Education Consortium of States (V-TECS).

Principal Investigator: Wallace Hunter

Recipient Institution: Florida Agricultural and Mechanical University, South Boulevard, Tallahassee, Florida 32307

Start - End Dates: April 1, 1976 to June 30, 1977

Annual Funding: \$88,050.00

Supporting Agency: Florida State Department of Education, Vocational, Technical and Adult Education Division, Tallahassee, Florida 32304

Contract and/or Control No.: No data

Summary of Project: The primary purpose of the Vocational-Technical Education Consortium of States (V-TECS) is to develop valid catalogs of performance objectives; criterion-referenced measures, tool and equipment lists, and performance guides for learners in vocational education. Benefits of the organizational structure include shared costs and minimized duplication of effort in curriculum development. This project will extend current V-TECS activities in Florida by hiring personnel to direct catalog production in the priority areas of clothing management and production services, medical laboratory assistant, and home manager. In addition, future catalog production will be centralized in Tallahassee under the overall supervision of a State Project Manager for V-TECS.

VTP 2557

Title: The Development and Verification of Professional Competencies for Vocational Agriculture Teachers.

Principal Investigator: Carl E. Beeman

Recipient Institution: University of Florida, Gainesville, Florida 32611

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$9,500.00

Supporting Agency: Florida State Department of Education, Division of Vocational Education, Tallahassee, Florida 32304

Contract and/or Control No.: No data

Summary of Project: The purpose of this study is to identify and verify the professional competencies needed by beginning teachers of agribusiness and natural resources subjects in Florida. Specific objectives are to: determine the professional educational competencies needed by beginning teachers of agribusiness based on the combined input of all respondents; identify the professional educational competencies needed by beginning agribusiness and natural resources teachers as perceived by incumbents and the state staff for agribusiness and natural resources education in Florida; and to compare the perceptions of teachers according to selected demographic data and between teachers and state staff. Closed form questionnaires will be developed to

obtain demographic data concerning the respondents and their beliefs regarding professional educational competencies necessary for beginning teachers of agribusiness and natural resources education in Florida. Descriptive statistics and analysis of variance will be used to analyze the data. The instrument will be field tested and necessary changes will be made. A sample of the agribusiness and natural resources teachers in Florida will be used along with the entire population of the state staff for agribusiness and natural resources education.

VTP 2558

Title: Development of Competency Based Teacher Education Programs in Cooperative Education. Continuation.

Principal Investigator: Donald Jaeschke

Recipient Institution: University of South Florida, 4202 Fowler Avenue, Tampa, Florida 33620

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$41,768.00

Supporting Agency: Florida State Department of Education, Vocational, Technical and Adult Education Division, Tallahassee, Florida 32304

Contract and/or Control No.: No data

Summary of Project: The purpose of the continuation of this project is to provide an alternative to Diversified Occupations Certification in Florida as it now exists by recommending a delivery system for competency-based course-modules which are: (1) compatible with the criterion-referenced objectives written in Phase II of this study; (2) compatible with existing university certification courses; (3) appropriate for the coordinator to use in his or her own teaching environment; (4) accessible to coordinators when needed; (5) self-contained, or inclusive of references to resources readily available in every county; and (7) compatible with the four required areas of certification. Four field course-modules will be developed, field-tested, and revised based on field test data. Dissemination and implementation strategies will be recommended.

VTP 2559

Title: To Continue Participation in U. S. Office of Education Project at Manatee Jr. College. Continuation.

Principal Investigator: Harry Holmbraker

Recipient Institution: Sarasota County School Board, 2418 Hatton Street, Sarasota, Florida 33577

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$40,000.00

Supporting Agency: Florida State Department of Education, Division of Vocational Education, Tallahassee, Florida 32304

Contract and/or Control No.: D7-003

Summary of Project: Continued support is needed for district level career education as a component of the Florida Career Education Consortium Project. The goal of the project is to develop a kindergarten through postsecondary

model for the implementation of career education. Emphasized in the following year will be integration of career education at the secondary level, job placement, and followup studies.

VTP 2560

Title: To Design and Operate a Field Test Center for Vocational Education Products in Conjunction with the Career Education Consortium Project.

Principal Investigator: B. R. Tinsley

Recipient Institution: Manatee Junior College, 5840-26th Street, West, Bradenton, Florida 33507

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$8,500.00

Supporting Agency: Florida State Department of Education, Division of Vocational Education, Tallahassee, Florida 32304

Contract and/or Control No.: No data

Summary of Project: This project proposes to provide assistance in planning for the establishment of a demonstration center for vocational education research and development products. Plans and procedures will be developed for establishment of the field-test center involving the cooperation of consortium members of the Career Education Consortium Project. Specific procedures include: establishment of an advisory committee; review of the literature; field visits to existing research and development centers; a feasibility study; securing support of the consortium members for the submission of the proposal; and developing and submitting the proposal.

VTP 2561

Title: To Develop A System for Evaluating Local Vocational Education Programs.

Principal Investigator: Hollie B. Thomas

Recipient Institution: Florida State University, Tallahassee, Florida 32306

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$44,000.00

Supporting Agency: Florida State Department of Education, Division of Vocational Education, Tallahassee, Florida 32304

Contract and/or Control No.: No data

Summary of Project: The primary purpose of the proposed project is to develop procedures and materials to facilitate the formative evaluation of local vocational programs in Florida. Objectives are: (1) to develop a conceptual framework of evaluation; (2) to develop guidelines, procedures, instrumentation, strategies, materials, and activities for use in locally directed evaluation of vocational programs; (3) to field test, revise, and deliver for dissemination the developed materials and procedures; and (4) to provide staff assistance to local education agencies. A secondary purpose is to assist staff of the evaluation section of the Division of Vocational Education in the refinement of the statewide summative systems.



## VTP 2562

Title: To Implement A System for Providing Curriculum Materials in the Areas of Turfgrass, Floriculture, Pesticide Applicator and Seafood Production to Florida Vocational Teachers of Agriculture.

Principal Investigator: Carl Beeman

Recipient Institution: University of Florida, Gainesville, Florida 32601

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$18,500.00

Supporting Agency: Florida State Department of Education, Division of Vocational Education, Tallahassee, Florida 32304

Contract and/or Control No.: C7-001

Summary of Project: The purpose of this project is to provide instructional materials for use in Florida in the areas of seafood production, pesticide applicator training, turfgrass, and floriculture. Procedures will include: (1) identify what materials are needed, (2) search and acquire existing materials, (3) screen and evaluate materials to determine their applicability to teaching programs, (4) select, organize, duplicate or purchase appropriate materials, and (5) identify additional instructional resource materials needed in the four instructional areas.

## VTP 2563

Title: Assessment of Employment Needs in Production Agriculture and Agribusiness Firms in Indiana.

Principal Investigator: William B. Richardson

Recipient Institution: Purdue University, West Lafayette, Indiana 46207

Start - End Dates: June 1, 1976 to April 30, 1977

Annual Funding: \$19,492.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: 13-76-C-9

Summary of Project: The goal of this project is to determine the nature and extent of entry level employment opportunities uniquely associated with production agriculture and the agriculture related businesses in Indiana. The data obtained will serve as a basis for short and long range planning for training programs in these fields. In addition, the list of employers identified in the study may serve as a resource for future contacts to update the manpower data. Procedures will include: (1) organization of a statewide steering committee, (2) random selection of one county from each of the 13 economic planning areas, (3) within each county selected, organization of a county task force to assist in employer identification and data collection, (4) development and field testing of a survey instrument, (5) survey of each business by mail or personal interview to obtain a 75% response, (6) preparation of a data summary by county and of all 13 counties for the state.

VTP 2564

Title: BRVTC Placement Review (Re-visit interests, entry into work).

Principal Investigator: Lynn Wheeler

Recipient Institution: Blue River Vocational-Technical Center, 789 St. Joseph Street, Shelbyville, Indiana 46176

Start - End Dates: April 15, 1976 to April 15, 1977

Annual Funding: \$5,000.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: 40-76-D-4

Summary of Project: The purpose of this project is to provide placement services and followup for adults and high school students at an area vocational school. Procedures will include: (1) a needs assessment of employers resulting in written recommendations for each subject area and selected adult education programs, (2) conduct of job development groups for teaching job-seeking skills, (3) implementation of a placement service whose goal will be to place 70% of those requesting help, (4) conduct of a job awareness day for students, instructors, and invited employers, (5) a needs assessment of students, and (6) followup surveys of high school and adult students. Based on results of the needs assessment and data obtained from project activities, both formative and summative evaluation will be conducted. A reactive dissemination effort will develop exportable products to encourage other institutions to use and evaluate the techniques involved. These may include public relations materials, a monograph series, video-tape presentation, and a competency-based counselor education module.

VTP 2565

Title: Development of a Cost-Effectiveness Analysis Model and User's Manual for Postsecondary Vocational Programs.

Principal Investigator: Robert C. Harris

Recipient Institution: Indiana University, Bloomington, Indiana 47401

Start - End Dates: July 1, 1976 to April 30, 1977

Annual Funding: \$20,000.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: 13-76-C-5

Summary of Project: This project will develop a conceptual model and user's manual for cost-effectiveness analysis of postsecondary vocational programs. Following a review of the related literature, research efforts in developing the model will be devoted to: (1) developing a set of program objectives with specifications in measurable terms, (2) adjusting program classification as related to U. S. Office of Education code, (3) classifying program costs, (4) formulating instruments for data collection, and (5) developing analytical techniques for measuring program effectiveness, cost efficiency, and a cost-effectiveness ratio. A user's manual will be produced to provide guidelines

in using the model, collecting and analyzing data, and interpreting the results. The model, instruments, and manual will be field-tested for their usefulness and reliability in at least three postsecondary institutions.

VTP 2566

Title: Follow-up Materials and Baseline Assessment of Adult Vocational Education Participants.

Principal Investigator: Robert C. Harris

Recipient Institution: Indiana University, Bloomington, Indiana 47401

Start - End Dates: January 1, 1976 to May 30, 1977

Annual Funding: \$17,164.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: 13-76-C-6

Summary of Project: The purpose of the project is to develop a set of standardized materials applicable to conducting locally directed follow-up studies of adult vocational education program participants. Project outcomes will include a complete set of validated user materials (loose leaf manual with instruments and instructions) and a profile of base line information derived through the validation process for a state wide sample of participants representing all program areas. Procedures will include: (1) a review of related research projects and developmental programs, (2) development of a conceptual model, (3) identification of informational needs of decision-makers, instructional objectives of programs, and criteria for assessing objective attainment levels, (4) development and pilot testing of instruments, and (5) follow-up validation in six months. The program will be monitored by an advisory committee composed of state and local education agency personnel.

VTP 2567

Title: Implementation of a Job Placement and Follow-up Service for Area 37.

Principal Investigator: James Hixson

Recipient Institution: Central Nine Vocational-Technical School, P. O. Box 403, Greenwood, Indiana 46142

Start - End Dates: April 15, 1976 to June 30, 1979

Annual Funding: \$5,120.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: 40-76-D-13

Summary of Project: The project will develop plans and techniques for implementing a job placement service at the area vocational school serving over 500 students. Procedures will include data collection about other job placement services that are operational, selection of an advisory committee, development of instructional units and brochures, assessment of industry needs, followup

studies of graduates, and placement of graduates. A systematic program of both annual and five-year followup will be conducted. Over the four year period, materials and techniques will be revised as a result of evaluations of program effectiveness.

VTP 2568

Title: Implementation of a Job Placement and Follow-up System at Ben David High School.

Principal Investigator: David Archer

Recipient Institution: Metropolitan School District of Wayne Township, 1220 South High School Road, Indianapolis, Indiana 46241

Start - End Dates: April 15, 1976 to April 15, 1977

Annual Funding: \$4,260.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: No data

Summary of Project: In operation since Fall 1975, these major objectives are proposed for the improvement of the Ben Davis High School Job Placement and Follow-up Project: (1) development of materials to be used by students for amplifying interviewing techniques; (2) development of a followup format to be used on past vocational students; (3) development of an employment interest survey; (4) development of an exit interview format; and (5) continuation of the all-school job placement service approach. A self evaluative instrument from the Research Coordinating Unit will be used to evaluate the project. During the continuation, personal evaluations will be used along with responses from participants.

VTP 2569

Title: A Job Placement Follow-Up Study.

Principal Investigator: Billy Woolf

Recipient Institution: Monroe County Community School Corporation, 315 North Dr., Bloomington, Indiana 47401

Start - End Dates: January 5, 1976 to June 30, 1978

Annual Funding: \$5,000.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No.: 14-76-D-8

Summary of Project: This project will establish a job placement service and follow-up study of Monroe County Area Vocational School graduates. Potential employers will be contacted to determine the type of employment needed in each business, the job skills required, the rate of turnover, and type of employee benefits. The data obtained will be updated through the use of questionnaires on a continuing basis. Student capabilities will be identified, and an information file developed for each student which will



include followup data on employment activities.

VTP 2570

Title: Exemplary Project in Competency-Based Engineering Technology.

Principal Investigator: Mary Bacon and Joe Jeffries

Recipient Institution: Somerset Community College, Somerset, Kentucky 42501

Start - End Dates: August 1, 1976 to June 30, 1977

Annual Funding: \$11,736.00

Supporting Agency: Kentucky State Department of Education, Bureau of Vocational Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: This project proposes to establish a model for the development of competency-based curriculum in engineering technology. After defining broad terminal competencies in civil and electrical engineering programs, specific competencies and objectives will be delineated for at least ten engineering technology courses. Cooperative work stations to satisfy competency requirements will be identified and instructional modules will be designed to compliment the work stations. Using the identified competencies, a system will then be established whereby credit is awarded for prior work or educational experience. An additional objective is to provide data to measure the effectiveness of experiential learning in developing desired competencies for engineering technology graduates. Tangible outcomes will include publications of competencies and objectives by curriculum and by course, a bank of cooperative education objectives, a set of packaged modules for parts of the ten courses within the program, and forms and a handbook for a cooperative education program in engineering technology.

VTP 2571

Title: A Study of a Two Hour Time Block in Industrial Education.

Principal Investigator: Robert E. Gearhart

Recipient Institution: Newport City Schools, Newport, Kentucky 41071

Start - End Dates: September 1, 1976 to June 30, 1977

Annual Funding: \$2,539.00

Supporting Agency: Kentucky State Department of Education, Bureau of Vocational Education, Frankfort, Kentucky 40601

Contract and/or Control No.: No data

Summary of Project: The purpose of this study is to determine the effectiveness of using a two hour training period in industrial education classes at a comprehensive urban high school. The experimental group will be students in grades 10 through 12 who are enrolled in one of four classes: drafting, commercial art, graphic arts, and electricity. The anticipated maximum number of students will be 72 sophomores, 36 juniors, and 36 seniors. The skill achievement and attitudinal change of the students will be measured through the use of the Ohio Trades Achievement Test and Bill's Index of Adjustment and Values administered as pretests and posttests. The same tests

will be given to a control group of students enrolled in these classes in schools utilizing a three hour training period. In addition to comparisons of test results, data analysis will also include information obtained from attendance records and teacher evaluations to determine impact of the program on the drop-out and absentee rates. A formative and summative evaluation will be conducted.

VTP 2572

Title: "PLATO" (Programmed Logic for Automated Teaching Operations).

Principal Investigator: Pat Enz

Recipient Institution: Red Wing Area Vocational Technical Institute, Highway 58 and Pioneer Road, Red Wing, Minnesota 55066

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$20,394.60

Supporting Agency: Minnesota Department of Education, Division of Vocational-Technical Education, St. Paul, Minnesota 55101

Contract and/or Control No.: No data

Summary of Project: This project proposes to provide individualized, computer-assisted instruction. The basis objective is to help students develop skills necessary to become efficient in an individual learning strategy. It is proposed with the use of Plato to: (1) provide students with a variety of exercises to help in the memorization of facts, comprehension of concepts and mastery of skills; (2) present material and check for comprehension by requiring feedback; (3) provide answers in the inquiry mode; (4) provide complex interaction through questions and answers in the dialogue mode; (5) present a laboratory-type environment permitting experimentation with alternate solutions, and (6) provide solutions to a wide variety of problems through the problem-solving mode. The student uses the keyboard and touch panel to interact with the computer. Each student is guided through a curriculum along an appropriate learning path, based on individual educational needs as diagnosed by pretesting.

VTP 2573

Title: Development and Application of an Evaluation Model for Use with Individualized Instructional Programs in Vocational-Technical Education.

Principal Investigator: Shirley Evans

Recipient Institution: State Fair Community College, 1900 Clarendon Road, Sedalia, Missouri 65301

Start - End Dates: June 9, 1976 to June 30, 1977

Annual Funding: \$28,349.00

Supporting Agency: Missouri State Department of Education, Division of Public Schools, Jefferson Building, P. O. Box 480, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to develop and field test a model for the evaluation of individualized instructional programs in vocational education. Components that will be developed and refined will

deal with the following areas: student achievement, characteristics of students served, and program efficiency and availability. The outcomes of traditional programs will be compared to those of individualized instruction programs through the use of an experimental-control group design. The students and faculty involved in the Business and Office individualized instruction program at the college for fiscal year 1976 will comprise the experimental group. A comparable group will be selected as a control group from a similar school on schools utilizing the traditional instructional procedures in Business and Office Education. Instruments to be developed for collecting data will include an observation recording form and a student progress interview form. The data obtained will be tabulated and analyzed for all of the variables under consideration. A manual will be developed that will explain the evaluation model, the development and usage of evaluation instruments, and the techniques used in data analysis.

VTP 2574

Title: Careers - A Districtwide, School Based Approach.

Principal Investigator: T. Gardner Boyd

Recipient Institution: Kansas City, Missouri, Public School District, 1211 McGee, Kansas City, Missouri 64106

Start - End Dates: September 1, 1976 to May 25, 1979

Annual Funding: \$30,000.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: This project proposes to expand career education into all disciplines of the eight junior high schools in the Kansas City Missouri School District. First year projected activities include needs assessment at five of the schools and extension of career education into all departments of the pilot school. During the second year needs will be assessed in the remaining schools and the career education program extended from the core school into several more of the junior high schools. In addition, the contents of the Career Education Resource Center will be expanded and a shuttle service for distributing materials among the schools will be initiated. In the third year, career education will be extended into the remaining schools and the resource center and shuttle service expanded to meet the needs of the schools added to the program. Key resource persons from schools already operating a career education program will be the catalysts for extension. In inservice workshops for total school staffs the concepts and applications of career education will be conveyed.

VTP 2575

Title: The Effectiveness of a Home Maintenance and Repair Curriculum Guide in the Teaching of Career Concepts in the Secondary Schools of Missouri. Continuation.

Principal Investigator: Eugene G. Sherrell

Recipient Institution: Southwest Missouri State University, Springfield, Missouri 65802

Start - End Dates: July 15, 1976 to January 15, 1977

Annual Funding: \$4,000.00

Supporting Agency: Missouri State Department of Education, Division of Public Schools, Jefferson Building, P. O. Box 480, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: Utilizing results from a research project, Development of Curriculum Guide Material for an Industrial Arts Course in Home Maintenance, the project will edit for publication and disseminate a curriculum guide on home maintenance and repair. Approximately 1,500 copies of the guide will be disseminated to teachers and curriculum supervisors in Missouri along with an evaluation questionnaire. The returned questionnaires will be analyzed to determine the value of the guide as a source for course content on home maintenance and repair.

VTP 2576

Title: Learning, Working and Serving.

Principal Investigator: Max Wolfrum

Recipient Institution: Webster Groves School District, 16 Selma Ave., Webster Groves, Missouri 63119

Start - End Dates: July 1, 1976 to June 30, 1979

Annual Funding: \$29,000.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: This project proposes to develop a program to provide "hands-on" projects for unmotivated ninth and tenth grade students in order to demonstrate the relationship of job skills to classroom learning. The goals of this type of practical career education are to broaden the occupational and educational aspirations and opportunities for students, to increase their self-confidence, to develop in them saleable skills, and to develop their ability to relate effectively with their employers and peers on the job. Approximately 50 ninth and tenth grade students will be assigned to the program for three hours per day for a year. During the first six weeks they will participate in an intensive retreat for the purposes of group building, values clarification, and development of decisionmaking skills. Other primary activities will involve interest and skills tests, test interpretation, introduction to the 15 occupational cluster, and discussions with community members who represent occupations within the clusters. The students will then begin their work experience by performing work order requests actually submitted to the business manager and director of buildings and grounds.

VTP 2577

Title: Parkway Career Planning System.

Principal Investigator: Maurice Geisler and Bill Sparks



Recipient Institution: Parkway School District, 455 North Woods Mill,  
Chesterfield, Missouri 63017  
Start - End Dates: July 1, 1976 to June 30, 1979  
Annual Funding: \$10,000.00  
Supporting Agency: Missouri State Department of Education, Jefferson City,  
Missouri 65101  
Contract and/or Control No.: No data

Summary of Project: This project proposes to implement a comprehensive career education program in the nine secondary schools of the Parkway School District in Missouri. The Parkway Career Planning System will be developed in one school which will serve as a model. The model program will be based on the systems approach and will become a framework for designing career education programs to meet student needs in each school. The involvement of the entire faculty of each school will be sought. And the organization will consist of a building career team leader, steering committee, advisory committee, and task forces. Career unit coordinators and advisors will develop career learning activities. Data from questionnaires administered to students, parents, faculty, and graduates will be used to determine needs. Information will also be collected from the community. Goals will be written in behavioral terms and career activities will be prepared. Evaluation will be by participating students, steering committees, periodic administration of surveys, and third party evaluator.

VTP 2578

Title: A Proposal For the Establishment of An Exemplary Program For The Study and Dissemination of Techniques for Improving Career Information, Placement and Follow Up.

Principal Investigator: Michael Rooney  
Recipient Institution: St. Louis Community College at Meramec, 11333 Big Bend, St. Louis, Missouri 63122  
Start - End Dates: July 1, 1976 to June 30, 1979  
Annual Funding: \$75,000.00  
Supporting Agency: Missouri State Department of Elementary and Secondary Education, Jefferson City, Missouri 65101  
Contract and/or Control No.: No data

Summary of Project: The purpose of the project is to improve the effectiveness and scope of several departmental and functional areas by completely integrating their staffs, functions, budgets, and resources. The new department, called the Career Information Center, will include the former Career Information Center, Job Development Office, Placement Office, and Followup Program. By eliminating duplication of effort, the new department will be able to provide new and improved services to students, faculty, and employers. Specific objectives are to increase the number of employer contacts, the number of jobs available to students, and the number of student job placements as well as reduce attrition in selected career curricula. In addition, the new Career Information Center will become involved in workshops, seminars, and dissemination activities. An advisory committee will be established to assist in project administration, and both internal and external evaluations will be conducted.

VTP 2579

Title: A Proposal To Develop and Implement a Comprehensive Career Education Program K-14 in a Three County Area in Missouri.

Principal Investigator: Marvin Fielding and Nila Hibdon

Recipient Institution: State Fair Community College, Sedalia, Missouri 65301

Start - End Dates: July 1, 1976 to June 30, 1979

Annual Funding: \$25,000.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: This project proposes to implement a comprehensive career education program K-14 in cooperation with the Missouri State Department of Education and ten area schools. Project components include: career awareness and career development K-8; career cluster exploration experiences grades 9-10; skill development through vocational training programs grades 11-12; career cluster skill development programs for postsecondary, adult, and special needs students; and job development and placement services. In addition, career education materials will be provided to teachers through a resources center. Experience will be integrated into regular classroom activities and a summer work observation program will be offered for grades 9 and 10. The project will also provide technical assistance and consultative service to other Missouri schools as requested.

VTP 2580

Title: Teacher Training In A Career Education Alternative School.

Principal Investigator: Robert Wentz and James Wooten

Recipient Institution: St. Louis City Public Schools, 911 Locust, St. Louis, Missouri 63101

Start - End Dates: July 1, 1976 to June 30, 1979

Annual Funding: \$10,000.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: This proposal seeks to establish and maintain a teacher training component for the Action Learning Career Education Center of the St. Louis Public Schools, which is an alternative school for grades five through eight based on a career education philosophy. The training will be provided to the staff of the center and three nonpublic teachers. In the first year, project teachers will receive training in (1) the multiconceptual and multiprocess demands of career education, (2) developing and implementing a career education program, and (3) career guidance concepts, practices, and techniques to facilitate career development in children. The training program for the second and third years will be based on an evaluation of the first year. Project teachers will receive 80 hours of training. A third party evaluator will be responsible for evaluation of the project.

VTP 2581

Title: A Three-District Program of Joint Community, Family and School Involvement in Educational, Vocational and Career Development for Students of Limited Aspirations: A Comparative Evaluation.

Principal Investigator: Bud Adams, Bud Glazier and Paul Simmons

Recipient Institution: Steelville R-III Schools, Steelville, Missouri 65565

Start - End Dates: August 15, 1976 to July 31, 1979

Annual Funding: \$30,000.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No.: No data

Summary of Project: A demonstration career education and vocational counseling program is proposed for potential dropout students in three districts in Missouri. The program will combine school, community, and family resources to achieve a relevant and effective program and to enhance the school's influence in the community. An out-of-school community occupational and training counselor will be employed fulltime in each of three school districts. A community occupational and training committee will be formed that is composed of community leaders, businessmen, school administrators and board members, and young adults who are educationally or economically disadvantaged. A multi-faceted, in-school educational and career counseling program involving local employers, employees and dropouts will be undertaken to supplement the educational and counseling efforts of school personnel.

VTP 2582

Title: The Nebraska Career Information System (NCIS).

Principal Investigator: Elton B. Mendenhall

Recipient Institution: Nebraska Research Coordinating Unit for Vocational Education, Box 33, Henzlik Hall, UNL, Lincoln, Nebraska 68588

Start - End Dates: September 1, 1976 to August 31, 1977

Annual Funding: \$27,807.00

Supporting Agency: Nebraska State Department of Education, Nebraska State Board for Vocational Education, Lincoln, Nebraska 68509

Contract and/or Control No.: No data

Summary of Project: This project proposes to establish a career information system for 100 Nebraska schools which will offer students in the state an opportunity to explore career possibilities using current state-wide information relating to jobs, training programs, employment potential, and training institutions. Activities will be initiated and coordinated that are designed to adopt or develop a career information and guidance package for 100 Nebraska schools. The component structure of the Career Information System of Iowa will be adopted and applied to Nebraska, using current data including a Nebraska education institutions index, an institutional program offering index, an occupational cluster index, an occupational supply and demand projection by occupational cluster, a student users handbook, and a leader's guide for use in assessing occupational interest and employment or educational alternatives. The prepared materials will be revised, printed, and packaged for dissemination to selected local schools.

VTP 2583

Title: An Agricultural Work-Study Career Education Program for Academically and Socioeconomically Deprived Urban New Hampshire High School Students.

Principal Investigator: Lou Roberts

Recipient Institution: Thompson School of Applied Science, Univeristy of New Hampshire, Durham, New Hampshire 03824

Start - End Dates: May, 1976 to June, 1977

Annual Funding: \$15,000.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: The overall objective of this project is to provide 48 New Hampshire high school incoming sophomore students and 32 elementary and secondary school guidance counselors with work and educational experience in the four agriculturally-related fields of animal science, plant science, food services management, and forestry. Preference will be given to academically and socioeconomically deprived students and to counselors involved in occupational guidance. Each student will live and work for ten days at a working farm at the University of New Hampshire, working in and learning about the selected career fields. As part of their food service management experience, they will prepare their own meals; as part of their forestry, plant science, and animal science experience, they will work on the farm lumber operation, in vegetable gardens and nurseries, and become involved in various farm operations.

VTP 2584

Title: Development of Human Relations and Work Skills as Related to the World of Work.

Principal Investigator: Paul Narbonne

Recipient Institution: Exeter Area High School, Exeter, New Hampshire 03833

Start - End Dates: September 1, 1976 to June 30, 1977

Annual Funding: \$1,500.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Summary of Project: This program proposes to interrelate high school vocational students in the building trade class with elementary special education students to work cooperatively in order to develop positive attitudes towards occupational education and employment within the range of the construction industry. Objectives are: to develop the ability for students to work effectively with other people and to create a positive attitude about themselves and occupations in the construction and woodworking industries; to develop in elementary students motor skills, humanistic skills, and positive attitudes toward the world of work; and to provide the opportunity for senior building trade students to work with elementary students on a common project.



VTP 2585

Title: Effective Enrollment of Secondary School Students in the Vocational Centers.

Principal Investigator: Alice Hildreth

Recipient Institution: Monadnock Regional High School, Swanzey, New Hampshire 03431

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$6,900.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: This project will provide a career exploration program for approximately 355 tenth grade students in three high schools to help identify those students who will benefit from programs at the Cheshire Vocational Center. The course will include interest and aptitude testing, exposure to information the 15 occupational clusters, self exploration, decision-making, and a visit to the Center. Followup data obtained from students enrolled in the program will be analyzed to determine its effectiveness.

VTP 2586

Title: Employer Evaluation Practices and Its Impact on Vocational Programs.

Principal Investigator: Richard Gustafson

Recipient Institution: Keene State College, Main Street, Keene, New Hampshire 03431

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$5,700.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: This project proposes to determine current employer practices in personnel performance evaluation in New Hampshire and to promote vocational program modification to insure that program content addresses employee performance evaluation criteria. Through a series of interviews and questionnaires with large employers in the seven USOE categories, the project staff will identify the employee characteristics other than job skills which employers consider important in their evaluation of employee performance. The project will focus on those occupations for which vocational education provides training. Once the characteristics are identified, a Delphi approach to ascertain their importance will be conducted by having employers rank the relative importance of these characteristics in their evaluation of employees.

VTP 2587

Title: Occupational Information and Guidance for Handicapped and Disadvantaged Vocational Students in the Seacoast Region.

Principal Investigator: No data  
Recipient Institution: Seacoast Educational Services/Supervisory Union  
 #56, New Hampshire  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$15,000.00  
Supporting Agency: New Hampshire State Department of Education, Vocational-  
 Technical Division, 105 Loudon Road, Concord, New Hampshire 03301  
Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to provide handicapped and/or disadvantaged vocational students in grades 11 and 12 the opportunity to receive information and guidance as it relates to their occupational needs. Four regional vocational high schools will participate in the project. Procedures will involve: (1) identifying vocational students who are handicapped or disadvantaged, (2) providing communication and liason between students, school, and potential employers, (3) counseling the student target population with respect to vocational goals and selection of courses, and (4) surveying the business and industrial community to determine requirements for placement of these students.

VTP 2588

Title: Operation: Information

Principal Investigator: Paul Cuetara  
Recipient Institution: Newmarket School District, Newmarket, New Hampshire  
 03857  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$4,000.00  
Supporting Agency: New Hampshire State Department of Education, Concord,  
 New Hampshire 03301  
Contract and/or Control No.: No data

Summary of Project: The objective of this project is to assist Newmarket High School students in understanding what career options are available to them after high school. A minimum of 10 video-tapes showing career opportunities within a 15 mile radius of Newmarket will be produced by teams of senior students in a career class. The students will develop a list of potential career options and select some of these for investigation. The video-tape camera will be used on site, and the students will film, edit, and prepare the tapes for dissemination within the state. A synopsis of each video-tape will be circulated through inter-school newsletters, and the student participants will be available for presentation of the products.

VTP 2589

Title: Project Lava (Linking A Vocational Area).

Principal Investigator: David Morin  
Recipient Institution: Concord Union School District, 16 Rumford Street,  
 Concord, New Hampshire 03301  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$8,700.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301  
Contract and/or Control No.: No data

Summary of Project: The implementation of this program will result in developing a model of dissemination within a vocational area in New Hampshire capable of replication and adoption by any other vocational area in the state. Objectives are: to develop an effective dissemination model with Vocational Area #11 in New Hampshire; to create an awareness of career education within Vocational Area #11; and to encourage the increased utilization throughout Vocational Area #11 of the educational resources of the Concord Career Education Project. Procedures will involve sponsoring career education workshops, initiating career education mini-grants, encouraging visitations to and lending of materials from the Career Education Resource Center, and utilizing trained personnel in Concord to conduct workshops and seminars in other school districts.

VTP 2590

Title: Solar Energy Educational Kits (SEEK).

Principal Investigator: Edward Byrne

Recipient Institution: New Hampshire Vocational Technical College, Manchester, New Hampshire 03100

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$12,000.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: This project proposes to develop a program of instruction designed to familiarize students with renewable energy sources, particularly solar energy. Objectives are: (1) to identify selective activities of practical class application to acquaint secondary and post-secondary students with the concepts of renewable energy sources, emphasizing solar energy; (2) to develop a behaviorally stated unit plan of instruction containing concept, skill, or value statement, performance objectives, student activities, teacher support resources, and evaluation plan; and (3) to design and construct a series of instructional modules designed to familiarize students with occupations associated with energy. Information on renewable energy sources will be read. The data will be collected and built into groups of behaviorally stated unit plans of instruction with a group of instructional modules. A one day dissemination workshop for selected instructors will be held in the Spring of 1977.

VTP 2591

Title: To Prepare Proposal for Solar/Wind Energy for Building Construction Structure.

Principal Investigator: Edward Hamblin

Recipient Institution: Contoocook Valley School District, Peterborough, New Hampshire 03458

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$2,000.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301  
Contract and/or Control No.: No data

Summary of Project: This proposal is for a planning grant to prepare a detailed proposal for funds to implement, develop, and operate a solar/wind energy program at Conval High School using the Building Construction structure as a building model and laboratory. This program will provide research data for making valid decisions for the use of solar/wind energy; supply technical and cost data to other schools and communities with environments similar to this area; and educate students about all types of construction, including those that use solar and wind energy as a source of heat and power.

VTP 2592

Title: Vocational Diffusion Assistance Project.

Principal Investigator: Glen Belden

Recipient Institution: The Facilitator Center, 15 Green Street, Concord New Hampshire 03301

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$9,500.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: Project objectives are: to assist the vocational education community in becoming more aware of model programs available in the National Diffusion Network (NDN); to make the adaptation and replication of existing proven models a viable means of program improvement in practice as well as theory; and to assist educators to implement components of NDN model programs; creating in-state sites for further diffusion efforts. Through a cycle of dissemination, training, monitoring, technical assistance and evaluation, New Hampshire schools will adopt or adapt proven practices which address the area of broadening occupational aspirations and improving vocational curriculum.

VTP 2593

Title: Vocational Radio Station.

Principal Investigator: Richard M. Kelly

Recipient Institution: White Mountains Regional High School, Whitefield, New Hampshire 03598

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$2,000.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: The establishment of a student-operated radio station will provide opportunities for students to develop a variety of vocational skills as well as provide service to a rural community lacking a local



broadcasting facility. Station programming will focus primarily on local events, issues, and educational series. Existing high school vocational programs will be involved in the planning, production, and service aspects of the station, with assistance from qualified local personnel and resources such as the Inter-Collegiate Broadcast System. Utilizing the projection studio at the high school, the project will incorporate both classroom instruction and hands-on experience for participants from all grade levels who will be selected by teachers and vocational staff.

VTP 2594

Title: Work-Study Experience for Selected Students in the Field of Health Occupations. Continuation.

Principal Investigator: Barbara Fife

Recipient Institution: Lin-Wood High School, Lincoln, New Hampshire 03251

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$5,000.00

Supporting Agency: New Hampshire State Department of Education, Vocational-Technical Division, 105 Loudon Road, Concord, New Hampshire 03301

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to provide vocational experience in the field of health occupations for students in a small rural high school. The major impact of the program will be to teach students laboratory methods, skills, and attitudes that they must adopt in order to work in the various health fields. The program will incorporate an eight week work-study experience in various medical facilities as well as classroom activities in the chemistry laboratory. Field trips, presentation of occupational information, seminars, and guidance interviews will be included. The target group for the program will be junior and senior high school students who have expressed an interest in the field of medicine.

VTP 2595

Title: Curriculum Development in Occupational Exploration. Continuation.

Principal Investigator: No data

Recipient Institution: Tarboro City Schools, Tarboro, North Carolina 27886

Start - End Dates: July 1, 1976 to July 31, 1977

Annual Funding: \$47,825.00

Supporting Agency: North Carolina Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: The purpose of the project continuation is to revise, field test, and disseminate curriculum materials that were developed and pilot tested for an occupational exploration program appropriate for grades seven through nine. The procedures involve: (1) revision of the 135 curriculum units, (2) teacher inservice, (3) field test monitoring, (4) dissemination, and (5) final revision. One hundred copies of the curriculum materials, 100 teacher guides, and 350 copies of the final report will be prepared for dissemination to other school systems.

VTP 2596

Title: Articulation of Occupational Education Programs Between Secondary Schools and Technical Institutes/Community Colleges. Continuation.

Principal Investigator: Carlyle P. Woelfer

Recipient Institution: James Sprunt Institute, Duplin County Schools, Kenansville, North Carolina 28349

Start - End Dates: August 1, 1976 to August 1, 1978

Annual Funding: \$54,000.00

Supporting Agency: North Carolina Department of Public Education, Occupational Research Unit, Raleigh, North Carolina 27611

Contract and/or Control No.: No data

Summary of Project: This project proposes continuation of a program to develop a comprehensive model plan for the articulation of public high school-occupational education programs with those of the technical institutes and community colleges to serve as a guide for the state. Objectives to be accomplished are: (1) to revise and validate necessary administrative and curriculum policies and procedures for the technical institute and community college to enroll and instruct high school students; (2) to pilot test and revise the curriculum articulation model in occupational education; (3) to provide consultative assistance to local educational agencies regarding articulation concepts and procedures; and (4) to collaborate in the current efforts of curriculum design and program standards of the State Department.

VTP 2597

Title: Media Kits for Career Information.

Principal Investigator: Gloria D. Dickens

Recipient Institution: Halifax Community College, P. O. Drawer 809, Weldon, North Carolina 27890

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$8,448.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: The project proposes to construct media packages representing the fields of employment open to students of technical and vocational programs at Halifax Community College. The kits will be constructed to demonstrate the characteristics of the career fields as they exist in the immediate service area where most of the graduates seek employment. The project purposes are: (1) to provide students with locally produced materials for use in comparing and selecting prospective careers; (2) to provide students with expanded use of counselor time; and (3) to provide practical experience for students in the commercial art program in designing and constructing audiovisual media.

VTP 2598

Title: Removing Occupational Sex Stereotyping.Principal Investigator: E. B. BrightRecipient Institution: Pitt Technical Institute, P. O. Drawer 7007, Greenville, North Carolina 27834Start - End Dates: June 30, 1976 to July 1, 1977Annual Funding: \$10,000.00Supporting Agency: North Carolina State Board of Education, Division of Occupational Education, Raleigh, North Carolina 27602Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to develop an information delivery system designed to communicate job information of the male and female dominated vocations to junior and senior high school students in an effort to remove sex stereotyping. A second purpose is to develop an educational program which will assist in cultivating an attitudinal change among guidance counselors, teachers, administrators, and various other community agencies regarding students of either sex entering nontraditional areas of work. An additional objective is to increase enrollment of both sexes in nontraditional training programs. Male and female-dominated curriculums will be selected and information will be gathered by survey and job analysis concerning job potential for either sex in each area. Slide-tape presentations will then be developed which show males and females working in nontraditional areas as well as written materials which remove all implications of sex stereotyping in the curriculums. Also to be developed are classroom materials for inservice workshops to be conducted for guidance counselors, teachers, and administrators and materials suitable for programs with various community agencies and organizations. Finally recruiting techniques will be modified to encourage enrollment in nontraditional areas.

VTP 2599

Title: Status of Vocational Agriculture and the Changing Roles of the Teachers of Vocational Agriculture in North Carolina.Principal Investigator: Joseph R. ClaryRecipient Institution: North Carolina State University, Raleigh, North Carolina 27607Start - End Dates: August 5, 1976 to December 31, 1977Annual Funding: \$16,468.00Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602Contract and/or Control No.: No data

Summary of Project: The major purpose of the proposed study is to examine the changing roles of teachers of vocational agriculture in North Carolina and to evaluate the current status of programs as a basis for recommendations for vocational agriculture in public school education during the next decade. Objectives include: identification, analysis, and documentation of trends in vocational agriculture education and of its present status; identification and documentation of problem areas and the generation of possible solutions; evaluation of program results by occupations of graduates

and leadership roles played; and examination of the changing leadership roles in the local community of vocational agriculture teachers. The methodology will be a structured interview of teachers and administrators selected by a random sampling of schools. Secondary data sources will be used to establish supply and demand projections for teachers and workers in the field.

VTP 2600

Title: Student Communications and Occupations Related Experiences.  
Continuation.

Principal Investigator: No data

Recipient Institution: Edenton/Chowan Schools, Edenton, North Carolina 27932

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$45,137.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27602

Contract and/or Control No.: No data

Summary of Project: The purpose of the project continuation is to revise, field test, and disseminate occupational exploration curriculum materials which have been developed to improve student communication skills in grades 7 through 10. Appropriate for schools having limited resources for conducting an occupational exploration program, the materials have been pilot tested. Following revision of the materials as a result of the pilot test, field testing will be conducted at approximately 16 sites for a period of at least six weeks. Both teachers and students involved in the field test will evaluate the materials. After final revision based on field testing, the materials will be disseminated throughout the state.

VTP 2601

Title: The Development of a Small Business Management program for North Dakota Post Secondary Schools.

Principal Investigator: Arlo Stevick

Recipient Institution: Lake Region Junior College, Devils Lake, North Dakota 58301

Start - End Dates: September, 1976 to June, 1978

Annual Funding: \$21,336.00

Supporting Agency: North Dakota Research Coordinating Unit, North Dakota State Board for Vocational Education, 900 East Boulevard, Bismarck, North Dakota 58505

Contract and/or Control No.: No data

Summary of Project: This project proposes to establish a small business management education program which will provide instruction and on-site consultation to owners and prospective owners of small businesses in the Devils Lake area of North Dakota. Objectives are to: provide instruction in management, marketing, accounting, retailing, business law, income tax,



and human relations that relate to small business operations; and to develop a manual and three-year model for use by postsecondary institutions in the state. Classroom instruction and on-site consultations will be provided at least once a month. The program will provide instruction to 15-20 students the first year, 30-35 the second year, and 35-45 the third year. Student evaluation will be accomplished by demonstration of learned skills and program evaluation will be determined by the extent of objectives met.

## VTP 2602

Title: Occupational Home Economics for Students with Special Needs.

Principal Investigator: Richard Butts and LaDonna Elhardt

Recipient Institution: Magic City Campus, Minot, North Dakota 58701

Start - End Dates: August, 1976 to June, 1977

Annual Funding: \$3,540.00

Supporting Agency: North Dakota State Board for Vocational and Technical Education, Bismarck, North Dakota 58505

Contract and/or Control No.: No data

Summary of Project: This project will develop a curriculum for teaching secondary special needs students the basic skills of housekeeping and food service to facilitate their entry to the world of work. Materials applicable to the proposed program will be searched and reviewed, and a bibliography of useful materials will be prepared. In addition to the curriculum, a behavioral performance check list will be developed as a means of measuring skills achieved. A random sample of 10-12 special needs students will be involved as subjects for curriculum testing. If students have not achieved the desired objectives, reteaching will be conducted. The completed curriculum guide, including the bibliography and behavioral performance check list, will be available for statewide dissemination.

## VTP 2603

Title: A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses.

Principal Investigator: Jim Hunt

Recipient Institution: Lake Area Vocational Center, Devils Lake, North Dakota 58301

Start - End Dates: August 30, 1976 to May 30, 1977

Annual Funding: \$15,638.00

Supporting Agency: North Dakota Research Coordinating Unit, North Dakota State Board for Vocational Education, 900 East Boulevard, Bismarck, North Dakota 58505

Contract and/or Control No.: No data

Summary of Project: This project will provide tutorial and special class instruction to approximately 15 deaf students enrolled in vocational programs at Lake Area Vocational Center in Devils Lake. Tutor-interpreters will assist the non-hearing students in their vocational courses and a special class will be offered early in training to help alleviate concern. This approach will provide regular classes and individualized instruction within

the classes, where feasible, by the tutor-interpreters.

VTP 2604

Title: Ohio Career Development for 34 School Districts.

Principal Investigator: Jack Ford

Recipient Institution: Career Development Service, Room 903, Division of Vocational Education, State Department of Education, 65 South Front Street, Columbus, Ohio 43215

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Fundings: \$46,168.57

Supporting Agency: Ohio State Department of Education, Division of Vocational Education, 65 South Front Street, Columbus, Ohio 43215

Contract and/or Control No.: R-1-77

Summary of Project: The project proposes to expand career development projects in Ohio from the 30 developed in 1976 to a total of 34 in 1977. Project objectives are: (1) to develop local school administrator and teacher acceptance of career development for all pupils grades K-10; (2) to develop seminars and inservice workshops to assist local educators in providing learning experiences to enable students to make career choices in job demand areas; (3) to monitor all career development programs for the most effective use of time and funding; (4) to supervise the development of program materials to be used as resource materials for incorporating into various courses of study; and (5) to study and recommend various curriculum components and the relative value in learning about choosing and preparing for work in various occupational areas. Evaluation will consist of a third party evaluation, supervisor on-site visits, and participate evaluation of seminars and workshops.

VTP 2605

Title: DECA Competency-Based Events.

Principal Investigator: Ted Best

Recipient Institution: Oklahoma State Department of Vocational and Technical Education, Distributive Education Division, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$1,500.00

Supporting Agency: Oklahoma State Department of Vocational and Technical Education, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Contract and/or Control No.: CP-754

Summary of Project: The purpose of this program is to justify Distributive Education Clubs of America (DECA) as an integral part of the total distributive education program by developing competitive events designed to evaluate student performance of competencies necessary for entry or advancement in the field. Objectives are: to develop one competency-based event for each of ten instructional areas in the General Merchandise Occupational Category; and by submitting these events to the National DECA staff participating in a nation-wide program exchange.

VTP 2606

Title: The Effectiveness of the Oklahoma Mobile Computer Graphics Laboratory as Perceived by Students and Faculty.

Principal Investigator: Charles O. Hopkins

Recipient Institution: Oklahoma State Department of Vocational Technical Education, Division of Research, Planning, and Evaluation, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Start - End Dates: January 1, 1976 to January 1, 1977

Annual Funding: \$1,266.00

Supporting Agency: Oklahoma State Department of Vocational Technical Education, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Contract and/or Control No.: No data

Summary of Project: The purpose of this research is to conduct a summative evaluation of the Mobile Computer Graphics Laboratory and its associated curriculum. Data will be obtained through questionnaire surveys of both faculty and students who use the laboratory. The instrument developed for the faculty will assess the effectiveness of the laboratory in meeting student needs; attitudinal changes (longitudinally) in the student population as a result of having been exposed to the laboratory will be measured by the second instrument. Both an experimental and a control group of students will be used. The experimental group will have received an orientation to Computer Graphics Instructional program in addition to laboratory utilization.

VIP 2607

Title: Technical Assistance With the Use of Student Outcomes in the Evaluation of Occupational Exploration Programs.

Principal Investigator: Warren Suzuki

Recipient Institution: Oregon State University, School of Education, Corvallis, Oregon 97331

Start - End Dates: August 1, 1976 to June 15, 1977

Annual Funding: \$15,324.00

Supporting Agency: Oregon State Department of Education, 942 Lancaster Drive N. E., Salem, Oregon 97310

Contract and/or Control No.: No data

Summary of Project: This project proposes to develop a means for evaluating occupational exploration programs. To attain this purpose, the project will project a field-test version of a handbook that will enable educational practitioners to evaluate their occupational exploration programs with relative ease and accuracy. The handbook will include a rationale for evaluation, a description of the evaluation model and of the conduct of the evaluation program, and guidelines for preparation of evaluation reports.

VTP 2608

Title: Agricultural Products. Continuation.

Principal Investigator: Curtis L. Rohm

Recipient Institution: Solanco School District, R. D. #2, Box 24-A,  
Quarryville, Pennsylvania 17566

Start - End Dates: July 1, 1976 to September 30, 1977

Annual Funding: \$24,465.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg,  
Pennsylvania 17126

Contract and/or Control No.: 19-5803

Summary of Project: The objectives of this study are to develop and field test courses of study in the agricultural processing areas that can be taught in secondary schools in order to produce a course outline for distribution to high schools in the state. The areas will include meat processing, poultry processing, dairy products processing, and produce processing. With the cooperation of the Agricultural and Education Department of Penn State University, the procedures to be followed include: (1) development of a course of study and lesson plans by a teacher, (2) field test involving students in grades 10 through 12, (3) pretesting and posttesting of students and conduct of opinion surveys to determine course effectiveness, and (4) assessment of data obtained to implement course revision.

VTP 2609

Title: AVTS Employer Follow-Up Study.

Principal Investigator: Jerome T. Kapes

Recipient Institution: Lehigh University, Bethlehem, Pennsylvania 18015

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$15,946.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg,  
Pennsylvania 17126

Contract and/or Control No.: No data

Summary of Project: The purpose of this proposed project is to conduct an evaluation of the Pennsylvania Area Vocational-Technical School (AVTS) delivery system using the employers of recent graduates as the primary data source. More specifically, project objectives include: (1) ascertaining the current status of employee followup studies in AVTS; (2) developing employer followup procedures; (3) gathering evidence of success of AVTS graduates via employers; (4) comparing relative success of different programs; (5) surveying perceptions of employers towards the AVTS; and (6) providing employer feedback to the Bureau of Vocational Education and AVTS. Procedures involve the generation of a sample of employers of recent graduates by recommendation of local AVTS directors and teachers. This sample will then be asked to evaluate the AVTS graduate and the AVTS system. The data obtained will be analyzed and reported in a manner consistent with the objectives of the study.

VTP 2610

Title: Bicycle Repair.

Principal Investigator: C. Robert Zimmerman

Recipient Institution: Berks Vocational-Technical School, Agricultural Center,



County Road, Box 602, R.D. #1, Leesport, Pennsylvania 19533

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$9,660.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17128

Contract and/or Control No: No data

Summary of Project: The purpose of this proposed project is to implement a bicycle repair course of instruction in an existing program of vocational services for the handicapped. Procedures will include: orientation of staff to instruction of the handicapped; determination of tools, equipment, and location; selection of students; on-going employment survey of bicycle repair-related occupations; placement in on-the-job employment situations; followup studies of placed students; preparation and dissemination of report of results; and development of a workshop on implementation of bicycle repair courses.

VTP 2611

Title: Creating a Career. Continuation.

Principal Investigator: Cathy Lee Dzubak

Recipient Institution: Hopewell Area School District, 1215 Longvue, Aliquippa, Pennsylvania 15001

Start - End Dates: October 1, 1976 to September 30, 1977

Annual Funding: \$6,500.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No: 19-5811

Summary of Project: Continuation of a career education project in the Hopewell Area School District is proposed. Level nine units being implemented include self-awareness, human awareness, and general vocational exploration. Additional activities are use of the Career Resource Center, guest speakers and field trips. Level ten units involve specific career exploration, job application, and interview skills; and level 11 units include job market surveys and joint career groups.

VTP 2612

Title: Creating a Career - A Pre-Vo-Tech Program.

Principal Investigator: Cathy Lee Dzubak

Recipient Institution: Hopewell High School, 1215 Longvue Avenue, Aliquippa, Pennsylvania 15001

Start - End Dates: October 1, 1976 to September 30, 1977

Annual Funding: \$6,500.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No: No data

Summary of Project: This project proposes to provide experiences to increase knowledge of self and the world of work in order to improve career-related decision making in secondary school students. The three-phase project will consist of career exploration, vocational-technical investigation, and employment opportunities. Students will progress through the stages of self-awareness, human awareness, career exploration, vocational-technical exploration,

integration of self and career knowledge, and learning skills in applying for employment.

VTP 2613

Title: Eradicating Sexism in Vocational Education.

Principal Investigator: Vincent De Sanctis

Recipient Institution: Williamsport Area Community College, 1005 West Third Street, Williamsport, Pennsylvania 17701

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$15,000.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No: No data

Summary of Project: The project proposes to investigate the nature and extent of sex stereotyping in vocational education as possibly perpetuated through the Williamsport Area Community College (WACC). An institutional self-assessment will be conducted to determine to what extent WACC contributes to sex stereotyping in counseling, instructional, and placement activities. In-service seminars will be offered for instructional and counseling personnel in the ten county service area on various aspects of sexism, focusing on ways to reduce or eliminate real and artificial barriers. Finally, counseling, instructional, and career-related material will be assessed for sex stereotyping.

VTP 2614

Title: Evaluation of Funded Projects for Development of Vocational Instructional Materials.

Principal Investigator: Edwin L. Herr and Wayne L. Detwiler

Recipient Institution: The Pennsylvania State University, 245 Chambers Building, University Park, Pennsylvania 16802

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$29,991.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No: No data

Summary of Project: This project proposes a longitudinal study to evaluate the impact of vocational courses of study funded in Pennsylvania within the last ten years. Project objectives are: to identify the funded vocational courses of study presently in existence in the state; to examine the projects to determine the similarities and differences within the various delivery systems; to examine the initial strengths and weaknesses intended in the various approaches and methods; to develop a strategy for future evaluation; and to develop and publish a quarterly newsletter to disseminate findings of the curriculum and course of study projects. On-site visits and staff interviews will provide the basic data. To develop future evaluation strategies, the curriculum and delivery systems that are subject to a control group evaluation procedure will be identified.

VTP 2615

Title: Farm Management Analysis Education Institute.Principal Investigator: Ralph M. LaymanRecipient Institution: Lancaster County AVTS - Willow Street, 1730 Hans Herr Drive, Box 322, Willow Street, Pennsylvania 17584Start - End Dates: July 1, 1976 to June 30, 1977Annual Funding: \$5,000.00Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126Contract and/or Control No: No data

Summary of Project: This project will establish a farm management analysis education program for Pennsylvania teachers of vocational agriculture and for each person enrolled vo-ag adult classes in farm production. Over 100 vo-ag teachers have expressed a severe need for a farm management analysis education program which relates specifically to each student's farm operation. The Director of the already proven Minnesota vo-ag program of this type and members of his staff will be employed under this project to come to Pennsylvania to train 40 of our best adult course vo-ag teachers. These 40 teachers will extend this training to all adult class production vo-ag teachers.

VTP 2616

Title: Food Service Curriculum Validation Project.Principal Investigator: Susan F. Weis and Thomas F. PowersRecipient Institution: The Pennsylvania State University, 212 Rackley Building, University Park, Pennsylvania 16802Start - End Dates: July 1, 1976 to June 30, 1977Annual Funding: \$29,877.00Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126Contract and/or Control No.: No data

Summary of Project: This project proposes to conduct an intensive evaluative study of the curriculum guidelines for food service education developed during 1975-76. Evaluation criteria for curriculum assessment include (1) student achievement, (2) student attitude, and (3) student performance. Three experimental and three central schools will provide data for evaluation with no implementation of the curriculum guidelines in the control schools. Instruments to be used are the Food Service Achievement Test, the Vocational Commitment Index, and the Competency Attainment Checklist. Through a series of three one-day conferences, curriculum will be presented to a wide group of food service teachers at six sites. The reactions of the teachers will be collected as a second form of evaluation. On the basis of the six evaluative studies and the reactions of the larger group of teachers, the curriculum guidelines will be revised; as necessary, into final form. The revised curriculum will be disseminated to all food service programs in Pennsylvania.

VTP 2617

Title: Home Health Management Aide. Continuation.Principal Investigator: Luther C. NatterRecipient Institution: Mifflinburg Area School District, Mifflinburg, Pennsylvania 17844Start - End Dates: July 1, 1976 to June 30, 1977Annual Funding: \$8,402.32Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126Contract and/or Control No.: 19-5810

Summary of Project: Continuation of a high school curriculum program in home health management is proposed for this project. The goal is to provide experience leading to employment as a home health management aide or to further health field studies. Home and institutional nursing procedures, personal development, and management skills are areas of program concern. Lectures, demonstrations, supervised practice, clinical practice, reference materials, audiovisual aids, guest speakers, and field trips are the most used techniques. The classroom nursing lab is supplemented by one morning each week at a local nursing home. Contacts with principal, guidance counselors, and students will be used in an effort to enroll pre-nursing young men in the program. Pretests and posttests will be used to determine vocational interests.

VTP 2618

Title: Home Health Management Assistant. Continuation.Principal Investigator: Ray L. TaylorRecipient Institution: Schuylkill County AVTS, 420 North Centre Street, Pottsville, Pennsylvania 17901Start - End Dates: October 1, 1976 to September 30, 1977Annual Funding: \$12,922.00Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126Contract and/or Control No.: 19-6001

Summary of Project: The Home Health Management Assistant curriculum was developed as a vocational program to train people to take care of the sick in the home. The curriculum has been field tested and revised with favorable results, and the objective for the third year of the project is to implement a two-year program with the second year devoted to community involvement in clinical observation and work experience. Arrangements have been made with several local agencies who will participate in the program.

VTP 2619

Title: Instructional Development: Service and Operation of Heavy Construction Equipment Program.Principal Investigator: William L. StevensRecipient Institution: Williamsport Area Community College, 1005 West Third



Street, Williamsport, Pennsylvania 17701

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$273.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No.: No data

Summary of Project: This project proposes to develop behaviorally-oriented project sheets, films, and tapes for the various student projects in the Service and Operation of Heavy Equipment program at the Williamsport Area Community College. An analysis will be made of the skills needed by students at completion of the program and a survey made of available equipment, instructional materials, and facilities to determine what areas of instruction require reinforcement. Project sheets will then be developed including behavioral objectives, reference materials list, instruction procedures, and questions. Needed films, tapes and other visual aids will also be developed.

VTP 2620

Title: Job Placement Center. Continuation.

Principal Investigator: Melvin H. Samuels

Recipient Institution: Allegheny I. U. #3, Two Allegheny Center, Suite 1300, Pittsburgh, Pennsylvania 15212

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$31,803.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17216

Contract and/or Control No.: 19-5805

Summary of Project: Operational since October, 1975, the Job Placement Center serves high school students and recent graduates in 46 school districts. Objectives for the 1976-77 year are to continue the development and implementation of services through: (1) a series of one-day workshops on job searching skills, (2) individual testing of abilities and interests, (3) contact with at least 600 potential employers to develop lines of communication leading to identification of future job openings, (4) continued involvement with the Bureau of Employment Security through use of suppressed microfiche and referral of students and graduates where applicable, and (5) exploring the feasibility of establishing satellite centers in outlying districts of the county.

VTP 2621

Title: Petroleum Production. Continuation.

Principal Investigator: Myron A. Crumrine

Recipient Institution: Bradford Area School District, 50 Congress Street, Bradford, Pennsylvania 16701

Start - End Dates: July 1, 1976 to September 30, 1977

Annual Funding: \$32,821.87

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No.: 19-6010

Summary of Project: Continuation is proposed for a project to develop a training course for entry level into the field production phase of the oil industry. The project will rent an operating oil lease and equipment in order to provide live work experience encompassing all areas of the petroleum production occupation and to simulate an industrial atmosphere in which job attitudes, performances, and expectations are stressed. The course will be designed to meet the requirements of the Department of Labor and Industry, OSHA, and the Department of Environmental Resources. The curriculum will be based upon community, education, and industry needs. A student placement service will serve students seeking on-the-job training in petroleum occupations during the summer or part-time after school. Also, a cooperative training station will be established to supplement the training of senior students. Instruction will be provided in pre-employment preparation, job-seeking, and job adjustment. Followup will be conducted by surveying employers of graduates.

VTP 2622

Title: Pre-and Post-Vocational Evaluation Program. Continuation.

Principal Investigator: Kenneth W. Mills

Recipient Institution: Grove City Area School District, 611 Highland Avenue, Grove City, Pennsylvania 16127

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$22,438.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No.: 19-5801

Summary of Project: This project is part of an overall design to provide for the implementation of a personalized, flexible career resource center for approximately 250 court adjudicated delinquent boys. A cooperative effort on the part of Grove City School District and Mercer County Area Vocational Technical School, the Center will be located in the branch Vocational Technical School on the George Junior Republic campus. The project will provide funds for the hiring of needed personnel, a vocational education specialist and a paraprofessional employee.

VTP 2623

Title: Project Phoenix: Community-Based Action Learning.

Principal Investigator: Richard R. Napolitan

Recipient Institution: North Hills School District, 55 Rochester Road, Pittsburgh, Pennsylvania 15229

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$7,000.00

Supporting Agency: Pennsylvania State Department of Education, Harrisburg, Pennsylvania 17126

Contract and/or Control No.: No data

Summary of Project: A pilot study is proposed to develop a cooperative school community career development program for high school students. Each student selects various objectives coinciding with graduation requirements and career interest. The Learning Coordinator and student build an academic program based on these objectives. Students are also placed in a field site to gain vocational experience intended to aid their career decisions. The program is intended to bridge the gap between classroom learning and realistic application of knowledge in the world of work. Through an interdisciplinary approach and community placement, the opportunity is presented to see the relationships among the various subject areas as well as between classroom learning and life experiences. The goals for the student are to increase basic skills and self-confidence, develop age group integration, and gain in personal and social development in order to improve vocational decisions.

VTP 2624

Title: Student Maturity Using a Vocational Information Delivery System.  
Continuation.

Principal Investigator: E. Robert Frioni

Recipient Institution: Moon Area School District, 1407 Beers School Road,  
Corapolis, Pennsylvania 15108

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$10,694.38

Supporting Agency: Pennsylvania State Department of Education, Harrisburg,  
Pennsylvania 17126

Contract and/or Control No.: 19-6003

Summary of Project: The project of this project continuation is to evaluate the Vocational Maturity of students who use the Vocational Information Delivery System Center. The Career Maturity Inventory will be used as a pretest and posttest to measure competency and career maturity levels of 40 randomly selected experimental and 40 control subjects. The experimental group will receive a structured program designed to facilitate career development and will use the center on a weekly basis. The project objectives are to measure career choice competencies and career choice attitudes; to help students integrate self-knowledge with relevant career information through counseling; and to collect, evaluate, and disseminate accurate and relevant vocational information. At the close of the school year, test and survey data will be used to make evaluative decisions relative to the effectiveness of the program.

VTP 2625

Title: Vocational Determination Process Through School, Industry and Community Involvement.

Principal Investigator: Richard Staber

Recipient Institution: Central Columbia School District, 4777 Old Berwick  
Road, Bloomsburg, Pennsylvania 17815

Start - End Dates: July 1, 1976 to September 30, 1977

Annual Funding: \$10,107.50

Supporting Agency: Pennsylvania State Department of Education, P. O. Box 911,  
Harrisburg, Pennsylvania 17126  
Contract and/or Control No.: No data

Summary of Project: This project proposes to collect and analyze data on the occupational or career goal choices of a class of tenth grade students. Their initial goal selections will be followed over time in order to compare: individual interests with ultimate curriculum choices and student capabilities; initial curriculum and career choices with long-term vocational goals; and test data obtained in school with initial jobs obtained after graduation. The project will also provide opportunities for a selected sample of students in tenth grade to gain vocational training through a non-traditional vocational education system and to utilize the inputs of school, industry, and community to assist in the design, implementation, and evaluation of the overall project. The American College Testing (ACT) Career Planning Program will be administered to 235 tenth grade students. From this population, on the basis of ACT scores, three sets of ten matched pairs of students will be chosen and randomly assigned to either a control or a test group. Students in the test group will become involved in various activities aimed at strengthening occupational awareness or building specific vocational skills. Detailed records of the activities of both control and test groups will be kept. The School-Industry-Community-Advisory Group will provide the input for the overall direction and evaluation of project activities.

VTP 2626

Title: A Proposal for an Expansion of the Career Cluster Project Implementation and Evaluation.

Principal Investigator: L. Joel Chastain and Samuel P. Cargill

Recipient Institution: Research Coordinating Unit, Office of Vocational Education, 904 Rutledge Building, 1429 Senate Street, Columbia, South Carolina 29201

Start - End Dates: July, 1976 to June, 1978

Annual Funding: \$95,505.00

Supporting Agency: South Carolina State Department of Education, Office of Vocational Education, 904 Rutledge Building, 1429 Senate Street, Columbia, South Carolina 29201

Contract and/or Control No.: No data

Summary of Project: The purpose of the proposed project is to expand and continue the evaluation of the self-paced learning materials in air conditioning and machine shop and the implementation approach developed in the Career Cluster Project. The proposed effort will take place in two distinct phases. Phase I is an evaluation phase, requiring the selection of test sites and the negotiation of necessary agreements, the replication of printed and audiovisual learning materials, the procurement of equipment, teacher training, student pretesting, program implementation, and evaluation activities. Phase II is a revision phase requiring the special services of professionals similar to those required in the initial development of the materials. The revision will be similar to the development but on a more limited scale. It will involve revising the learning materials and implementation procedures as well as devising a plan for replicating, distributing, and implementing the



revised materials statewide in all vocational air conditioning and machine shop programs desiring them.

VTP 2627

Title: Development of a Career Education Delivery System Model for Correctional Institutions.

Principal Investigator: Maxia Patris and W. E. Monroe

Recipient Institution: Windham School District, P. O. Box 40, Huntsville, Texas 77340

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$28,570.00

Supporting Agency: Texas Education Agency, Department of Occupational Education and Technology, Division of Occupational Research and Development, Austin, Texas 78711

Contract and/or Control No.: No data

Summary of Project: This project proposes to develop a model for implementation of a career education program in a corrections setting. Project objectives are: (1) to survey all Texas adult correctional institutions to determine the extent and development of existing career education models; (2) to synthesize and evaluate career education models in correction; (3) to evaluate the special needs of Windham School District in implementing a career education model; and (4) to develop a career education delivery system in a correctional setting. Current curriculum development in the area of adult career education will be researched and utilized. Using the resources gathered through the survey technique, the synthesization of existing programs, and consultation with career education specialists, a model will be developed in compliance with the Texas State Plan for Career Education.

VTP 2628

Title: Career Education.

Principal Investigator: Walter Faulkner

Recipient Institution: Orleans Central Supervisory Union, Orleans, Vermont 05860

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$15,000.00

Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602

Contract and/or Control No.: No data

Summary of Project: The overall goal of this project is the implementation and continuation of career education activities in Vermont schools. Project objectives are: (1) to provide various levels of training for career education project directors and staff members; (2) to continue the work of installing career education programs in preservice teacher education programs of Vermont colleges and universities; (3) to work closely with present and past career education project personnel; (4) to continue and expand contacts and work at the Federal level; (5) to continue the efforts to develop a comprehensive state plan for career education; (6) to continue and improve evaluation efforts; (7) to publish or assist in publishing six issues of the

Career Education newsletter, "Directions"; and (8) to document and disseminate proven materials.

VTP 2629

Title: Career Resource Centers.

Principal Investigator: Ronald Mendrick and F. Wayne Blann

Recipient Institution: Castleton State College, Castleton, Vermont 05735,  
Johnson State College, Johnson, Vermont 05656

Start - End Dates: April 30, 1976 to June, 1977

Annual Funding: \$10,110.00

Supporting Agency: Vermont State Department of Education, Division of  
Vocational-Technical Education, Montpelier, Vermont 06502

Contract and/or Control No.: No data

Summary of Project: The project proposes to establish career resources in the areas surrounding Castleton State and Johnson State Colleges. A cooperative network of local school personnel will be established to share career education program ideas, methods of implementation and resources in order to initiate or enhance career education programs in the schools. The center will draw school personnel by providing facilities, coordination by a college professional, and funds for resources. In 15 schools, career education comprehensive programs will be established or enhanced. In schools without plans, programs will be developed and implemented. Cooperative groups of personnel will meet regularly to assist in examining, developing, and implementing the career education programs. Evaluation will be accomplished by success in fulfilling objectives, by completion of comprehensive written career education programs, and evaluations of activities in each component.

VTP 2630

Title: A Chance to Choose.

Principal Investigator: Hinda Birch

Recipient Institution: Windham Northwest Supervisory Union, Atkinson Street  
Building, Bellows Falls, Vermont 05101

Start - End Dates: July, 1976 to June, 1977

Annual Funding: \$12,500.00

Supporting Agency: Vermont State Department of Education, Division of  
Vocational-Technical Education, Montpelier, Vermont 05602

Contract and/or Control No.: No data

Summary of Project: Continuance of a K-12 exemplary career education program is proposed for this project with the purpose of continuing to develop career awareness skills that are integrated into the regular curriculum. Focus is also on developing curriculum flexible enough to meet individual student needs. Included objectives are the development of decisionmaking skills and community awareness. Also proposed is the continuance and enlargement of scope of the Career Options Resource Center.

1280

VTP 2631

Title: A Coordinated District-wide K-12 Career Education Activity Program.  
Continuation.

Principal Investigator: Herbert Shipman

Recipient Institution: Chittenden Central School District, Essex Junction,  
Vermont 05452

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$21,500.00

Supporting Agency: Vermont State Department of Education, Division of  
Vocational-Technical Education, Montpelier, Vermont 05602

Contract and/or Control No.: No data

Summary of project: This project proposes continuance of a district-wide K-12 career education program. The overall goal is to integrate career education into the curriculum in order to increase career awareness, exploration, preparation, and decisionmaking in students at the elementary, middle, and high school levels. Procedures will involve a teacher opinionnaire; student pretesting; curriculum development, evaluation, and dissemination; development of a student policy plan to provide an orderly sequence of activities; and development of a local resource guide.

VTP 2632

Title: KNOW: Kindling New Outlooks on Work.

Principal Investigator: Mike Samson

Recipient Institution: Cabot Town School District, Washington Northeast  
Supervisory Union, R. R. 1 Plain Field, Vermont 05667

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$9,930.00

Supporting Agency: Vermont State Department of Education, Division of  
Vocational-Technical Education, Montpelier, Vermont 05602

Contract and/or Control No.: No data

Summary of Project: Continuance of a K-12 career education program is proposed for this project. Objectives include: development and implementation of strategies to cultivate career awareness in grades K-6 and career exploration in grades 7-10; continuation of the work study program; and continuation and refinement of the counseling and field exploration program. Procedures involve released time for teachers to observe other programs and increase utilization of community resources; development of a written and visual documentation of a K-12 continuum of teacher-directed career education activities; and creating a package of exportable materials for use in other small, rural schools.

VTP 2633

Title: Proposal for the Establishment of Job Placement Services.

Principal Investigator: George Stoll

Recipient Institution: Rutland Central Supervisory Union, Box G, Rutland,  
Vermont 05101

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$15,000.00

Supporting Agency: Vermont State Department of Education, Montpelier, Vermont 05602

Contract and/or Control No.: No data

Summary of Project: The third year activity of this job placement project will focus on dissemination efforts. The project staff will present the project as it developed the job directory of potential employers and the program for providing students with pre-placement training and career counseling. The project will establish a system for job placement by utilizing the services of employment security and other agencies, obtain feedback for evaluation, and provide liaison between the schools and placement agencies. Evaluation of the job directory by guidance counselors will be sought and suggested improvements will be made. In addition, the project will continue to survey employers and update the job directory, expand the project to other schools, and organize a steering committee to set up an Industry-Education Council to explore ways of continuing project efforts beyond the duration of the project.

VTP 2634

Title: Alternatives to Contemporary Exploratory Programs.

Principal Investigator: James P. Clouse

Recipient Institution: Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061

Start - End Dates: September 1, 1976 to January 1, 1977

Annual Funding: \$7,825.00

Supporting Agency: Virginia State Department of Education, Richmond, Virginia 23216

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to: (1) clarify the objectives of the exploratory program at the middle/junior high school level, (2) gather descriptive information of existing exploratory programs and alternate educational experiences addressed to these objectives, (3) produce a status study of such programs for state use, and (4) offer suggested alternatives to the exploratory programs in vocational education. A review of the literature and contact with state-level leadership will provide input to clarify exploratory program objectives. All states will be contacted to determine the scope and sequence of their exploratory programs and exemplary programs will be investigated on site. After all data has been collected, alternatives will be described and present programs ranked using agreed upon criteria.

VTP 2635

Title: The Implementation and Evaluation of a Locally Developed and Funded Career Orientation Program for the Middle Schools of Danville, Virginia. Continuation.

Principal Investigator: Jack R. Lewis, Jr.

Recipient Institution: Danville Public Schools, Danville, Virginia 24541

Start - End Dates: July 1, 1976 to May 30, 1977

Annual Funding: \$2,640.00



Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216  
Contract and/or Control No: No data

Summary of Project: This project will implement and evaluate a career orientation program for grades five, six, and seven in the four middle schools. The program as developed will infuse career education with the social studies and math-science-health curriculum. Procedures will include a literature review, purchase of materials, teacher inservice, and data collection for program evaluation. Product objectives will be concerned with career decision-making, career choice, self concept, and attitudes of the professional staff toward the program. A control group will be utilized in each school at each grade level, and the evaluation methodology will include the use of both descriptive and inferential statistics.

VTP 2636

Title: Implementation and Usage of Work Ethics Curriculum Materials and Instruction.

Principal Investigator: Edward Cooke

Recipient Institution: Richmond City Public Schools, Richmond, Virginia

Start - End Dates: August 15, 1976 to June 30, 1977

Annual Funding: \$3,528.00

Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The purpose of the project is to develop positive work attitudes within secondary students enrolled in vocational courses. To familiarize vocational teachers with the instructional materials available and to equip them with the appropriate teaching techniques, a Work Ethics Instructional Materials Workshop will be conducted. Approximately 300 professional staff (teachers, guidance counselors, and local school administrators) will be involved. A resource person knowledgeable in the area of work attitudes will provide training sessions for administrators who in turn will train their staffs. Instructional materials and supplies will be obtained for distribution, and audio-visual materials will be purchased for each high school. An evaluation of the workshop and other project activities will be prepared by the principal investigator.

VTP 2637

Title: Implementing Instructional Programs in Vocational Education Based on Performance Objectives and Criterion-Referenced Measures.

Principal Investigator: Ben L. Baines

Recipient Institution: Greensville County Schools, Virginia

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$1,800.00

Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The Vocational-Technical Education Consortium of States (V-TECS) has developed catalogs of performance objectives, criterion-referenced measures, and performance guides for various occupational areas. Objectives of this project are to: (1) provide the basic learning resources needed by

teachers in implementing V-TECS catalogs; (2) provide technical assistance to teachers in such areas as incorporating the V-TECS catalogs into existing instructional programs and developing learning modules as needed to utilize the V-TECS catalogs; and (3) encourage teachers to utilize the performance-based approach to vocational and technical education with the student as the focal point. The objectives will be accomplished through the conduct of summer workshops for participating teachers by vocational teacher education personnel. During the inservice training, teachers will be given time to develop modules and other materials needed in providing performance-based instruction. In addition, supervisory visits will be made to teachers during the year by the principal investigator to determine progress and assist with problems.

VTP 2638

Title: Implementing Instructional Programs in Vocational Education Based on Performance Objectives and Criterion-Reference Measures.

Principal Investigator: Donald R. Harvey

Recipient Institution: Hampton City Schools, Hampton, Virginia 23669

Start - End Dates: Fall 1976 to Spring 1979

Annual Funding: \$10,097.00

Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The Vocational-Technical Education Consortium of States (V-TECS) has developed catalogs of performance objectives, criterion-referenced measures, and performance guides for various occupational areas. Objectives of the project are to: (1) provide the basic learning resources needed by teachers in implementing the V-TECS catalogs available for Secretarial, Stenographic, Typewriting and Related Occupations; (2) provide technical assistance to teachers in such areas as incorporating the V-Tecs catalogs into existing instructional programs and developing learning modules as needed to utilize the V-TECS catalogs; and (3) encourage teachers to utilize the performance-based approach to vocational and technical education with the student as the focal point. The objectives will be accomplished through the conduct of summer workshops by vocational teacher education personnel. During the inservice training, teachers will be given time to develop modules and other materials needed in providing performance-based instruction. In addition, supervisory visits will be made to teachers during the year by the principal investigator to determine progress and assist with problems. The five high schools of the school division will participate in the project.

VTP 2639

Title: Implementation and Usage of Work Ethics Curriculum Materials and Instruction.

Principal Investigator: Edward S. Long, Jr.

Recipient Institution: Rockingham County, Harrisonburg City, Virginia

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$500.00

Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The purpose of the project is to develop positive work attitudes within secondary students enrolled in vocational courses. To famil-

larize vocational teachers with the instructional materials available and to equip them with the appropriate teaching techniques, a Work Ethics Instructional Materials Workshop will be conducted. Participants will include vocational teachers, guidance counselors, local school administrators, and possibly employers of students involved in cooperative education programs. A resource person knowledgeable in the area of work attitudes will provide training. Instructional materials and supplies will be obtained for distribution, and audiovisual materials will be purchased for each high school. An evaluation of the workshop and other project activities will be prepared by the principal investigator.

VTP 2640

Title: Review and Synthesis of Virginia Model School Programs for Potential Early School Leavers.

Principal Investigator: Walter S. Ramey

Recipient Institution: Virginia Commonwealth University, 901 West Franklin Street, Richmond, Virginia 23284

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$8,400.00

Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The purpose of this project is to review and study 11 vocational programs for the disadvantaged in Virginia in order to identify individual program strengths from which a statewide model can be developed. The model program will be incorporated into a manual that will provide assistance to local administrators in planning, implementing, operating, and evaluating similar programs within their school divisions. Procedures will include: (1) establishing an advisory committee, (2) selecting evaluators to work with the state supervisor in conducting on-site evaluations, (3) developing or selecting an evaluation instrument, (4) completing evaluation procedures and submitting reports including recommendations for program improvement, (5) reviewing (with the aid of the advisory committee) the program evaluations and preparing a model program, (6) conducting one-day conferences on the model program in each of the seven regions, (7) developing the manual for local use based upon project findings, and (8) printing and disseminating 500 copies of one manual to local districts.

VTP 2641

Title: Impact Evaluation of Two Interactive Computer Occupational Guidance/Information Systems.

Principal Investigator: James E. Marble

Recipient Institution: Washington Occupational Information Service, 608 Evergreen Plaza, Olympia, Washington 98504

Start - End Dates: June 1976 to June 1977

Annual Funding: \$22,800.00

Supporting Agency: Research Coordinating Unit, Washington State Commission for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No: No data

Summary of Project: The objective of this project is to evaluate the user impact, cost alternatives, and effective use alternatives of the Washington Occupational Information Service (WOIS) and Computer Career Information System (CCIS) at five locations in the State of Washington and to make recommendations for improvement. Approximately 2,900 students in grades nine through adult will operate the systems and complete a pre-use questionnaire and a post-use package. Specific instruments used will depend upon the components being evaluated at each test site. A "tracking" routine will be added to present computer programs in each system to maintain a file of student responses to questionnaires and specific inquiries related to exploration routines and information resources. Data obtained will provide for a multiple correlation between the two systems and between the systems and external instruments.

VTP 2642

Title: Improving Vocational Opportunities by Relating the Community to the Classroom Through the Use of Video Tape.

Principal Investigator: Iva Kjosnes

Recipient Institution: Zillah High School, Box 777, Zillah, Washington 98953

Start - End Dates: June 1976 to June 1977

Annual Funding: \$2,500.00

Supporting Agency: Research Coordinating Unit, Washington State Commission for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No: No data

Summary of Project: The project is intended to provide occupational information and exposure to the business community through the use of teacher-developed video-tapes. Two vocational teachers and a media specialist will spend 100 hours during two summer months preparing video-tapes of business procedures and interviews with both employers and employees for use in the business and commercial art departments during the 1976-77 school year. Evaluation of the video-tapes will be conducted by student interviews, student testing, and comparison of vocational enrollment with enrollment of the previous year.

VTP 2643

Title: Leadership Identification for Vocational Youth Organizations.

Principal Investigator: Robert McLaughlin

Recipient Institution: Yakima School District #7, 104 North 4th Avenue, Yakima, Washington 98902

Start - End Dates: June 1976 to June 1977

Annual Funding: \$2,735.00

Supporting Agency: Research Coordinating Unit, Washington State Commission for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No: No data

Summary of Project: The purpose of this study is to identify and prioritize leadership qualities as determined by trade, industrial, and business personnel, vocational directors, and vocational teachers, and to develop a minimum of 10 qualities to serve as guidelines for curriculum development in the teaching of leadership at secondary and postsecondary levels. Surveyed by mailed questionnaire will be a minimum of 500 trade, business, and industrial leaders, all vocational directors of school districts, 100 vocational advisory boards, and



a minimum of 200 vocational instructors in the State of Washington. Followup telephone interviews will be conducted with a sample of 25 respondents from each group. The data obtained will be analyzed and prioritized using Likert scales. A curriculum will be developed using the results of the study.

VTP 2644

Title: Braxton County Vocational Needs.

Principal Investigator: David N. McElwain

Recipient Institution: Braxton County Board of Education, Sutton, West Virginia 26601

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$800.00

Supporting Agency: West Virginia State Board of Education, Division of Vocational Education, Department of Education, Charleston, West Virginia 25305

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to provide input for modifying the high school vocational education curriculum to meet current educational needs. The following groups will be surveyed by questionnaire: (1) all students in grades 9, 10, and 11 (about 600); (2) approximately 125 parents; (3) all professionals who employ one or more workers (about 75); and (4) all business and industrial individuals who employ two or more workers (about 100). Personal interviews will be conducted with prospective employers for a cooperative work program. One thousand copies of a pamphlet containing the survey results and recommendations of the vocational advisory council will be available for dissemination.

# DIRECTORY OF RESEARCH COORDINATING UNITS

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*VT 102 786	ED 122 088
VT 102 787	ED 123 498
*VT 102 788	ED 118 533
*VT 102 789	ED 122 161
*VT 102 790	ED 122 163
*VT 102 791	ED 122 164
VT 102 792	ED 123 498
*VT 102 793	ED 122 089
VT 102 794	ED 123 498
*VT 102 795	ED 122 090
*VT 102 796	ED 115 821 - Vol. I
	ED 115 822 - Vol. II
VT 102 797	ED 123 498
#VT 102 798	
#VT 102 799	
*VT 102 800	ED 097 060